

CATALOG NO.112A



THE WORLD'S FASTEST AUTO BODY REPAIR TOOLS AND EQUIPMENT

PRODUCTS OF PF AUTOMOTIVE DIVISION, H. K. PORTER, INC., SOMERVILLE, MASS. 02143



With

...customers say:

**“LIKE NEW
and FAST TOO!”**

The tools designed with more body jobs and more dollars per day ... in mind!

Speed, customer satisfaction and profitability are the three most important requirements of a successful autobody repair operation.

The shorter the time it takes to get an expertly repaired car back to an impatient customer, the greater the profit in dollars and in customer satisfaction.

That's why P-F autobody tools and accessories have been designed to be the fastest and, therefore, the most profitable.

They are designed by bodymen and they are preferred by bodymen because the time-in to time-out for customer's vehicle is shorter and your profits are longer.

Step up the productivity and efficiency of your shop with the FASTEST body repair tools available ... P-F®

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Home of P-F Body Tools and H.K.P. Products, Somerville, Massachusetts

**SOME OF THE P-F[®]
EXCLUSIVE FEATURES
DESIGNED BY BODYMEN...
PREFERRED BY BODYMEN!**

P-F EZ-E-ON-THREADLESS TUBING

... seamless steel tubing is twice as fast and strong as threaded iron pipe. ■ Just Push-n-Twist and tubing and attachments are assembled. No threads to foul up or fuss with! ■ With special adapters can be used on any 4 ton jack.

P-F ALL ANGLE PULL CLAMP

... exclusive design holds firmly without tearing metal, pulls from every angle ... does the work of eight ordinary clamps. ■ Use with all pull rigs and jack sets.

P-F CHAIN PULL KIT

... two inches of pull for every inch of ram travel ... twice as fast as a tubing hook-up. ■ Exclusive Bite-Tite Clamps reversible for fitting over flanges. ■ Jack can be located at any place on chain for easy jacking.

P-F HYDRAULIC SPREADER

... makes "close-area" spreading easy ... fits $\frac{3}{4}$ " space and spreads to $3\frac{1}{4}$ ", with positive grip. ■ Will not crease surfaces.

P-F ADJUSTABLE TUBE EXTENSION

... gives stronger hook-ups to prevent bowing and saves time fussing and fitting smaller lengths of tubing to get correct span on long hook-ups. ■ Use with lock-pins and other tubing for quick adjustment. ■ To be FIRST ... be FAST! Specify P-F[®] ...

P-F HYDRAULIC JACKS

... need only six strokes per inch of travel—30 strokes for full extension ■ Trouble-free filter screens at hose holes, magnet in pump reservoir and wiper ring on ram, keep grit, metal filings, from moving parts for trouble-free service. ■ Remote control ■ Ram operates in any position.

P-F QUICK DETACH COUPLERS

... save valuable time switching from one ram to another without loss of jacking pressure.



PF-15, 4 Ton SPEED-MASTER SET

- 4 TON COMPLETE SET
- PUSH-PULL-SPREAD
- REMOTE CONTROL JACK
- EXTRA SHORT RAM
- SHORT RAM
- EZ-E-ON® ATTACHMENTS
- TUBE EXTENSION
- ALL ANGLE PULL CLAMP
- CAR HOOD SPRING SPREADER
- STEEL CARRYING CASE

... A complete set of carefully selected tools and accessories to equip a fast, versatile, modern body repair shop.





Z

ALL ANGLE PULL CLAMP

Takes the place of eight ordinary clamps...fits all pull rigs and jack sets. Exclusive design holds firmly without tearing metal, pulls from every angle.



V

EXTRA SHORT RAM

For getting into real tight places fast...with power to spare. Use on box frames, grilles, rocker panels, tail fins...one full inch of ram travel.



W

SHORT RAM

For real power in close quarters...ram travel of 3 1/4" turns hours to minutes with unlimited versatility.

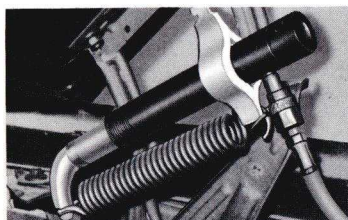


X

Y

TUBE EXTENSION

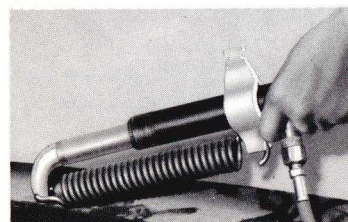
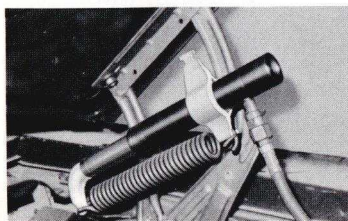
A strong, rugged extension... saves time fitting short lengths of tubing to get long span hook-ups. Use with lock-pins and other tubing for quick adjustment.



P

CAR HOOD SPRING SPREADER

Attaches to ram piston and cylinder and extends to remove and replace car hood springs in seconds... safely.



*The World's
FASTEST
Body Repair Tools!*

The Complete PUSH-PULL-SPREAD EQUIPMENT

This is the 4 Ton Speed-Master matched set... designed to handle all push-pull and spread body work with maximum efficiency, in record time.

PF-15 42 PIECES IN STEEL CASE

KEY	QUANTITY	TOOL NO.	DESCRIPTION
A	1	SM-200	4 Ton Remote Control Jack
B	1	SM-39	Jack Body Toe
C	2	SM-40	Ram Extension Toe
D	1	SM-41	Jack Base
E	2	SM-43	Rubber Head
F	2	SM-44	Offset Spreading Toe
G	2	SM-49	Ram Cap
H	2	SM-50	20" Tube Extension
I	1	SM-52	12" Tube Extension
J	2	SM-53	3" Tube Extension
K	1	SM-55	5" Tube Extension
L	1	SM-58	8" Tube Extension
M	1	SM-63	Pull Adapter
N	8	SM-7	Pins
O	1	SM-100	Hydraulic Spreader
P	1	SM-260	Spring Spreader
Q	1	SM-42	V Notch Cap
R	2	BU-186	6' Chains 1/4"
S	1	BU-187	Chain Pull Collar
T	2	BU-190	Bite Tite Clamps
U	1	BU-97	Steel Carrying Case
V	1	SM-14	Extra Short Ram
W	1	SMA-24	Short Ram
X	1	SM-56	Tube Extension
Y	2	SM-7	Pins
Z	1	BU-290	Pull Clamp

Shipping Weight 81 Pounds



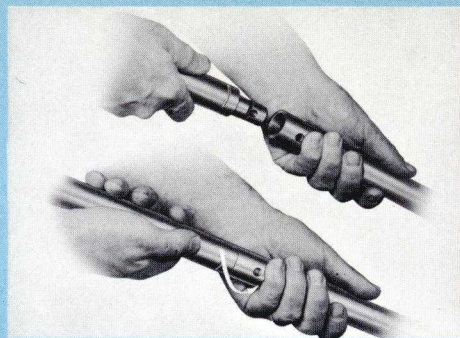
4 TON SPEED-MIDGET SETS WITH EZ-E-ON[®] THREADLESS TUBING

PF-11



PF[®] FEATURES

Here are some of the unique speed features and exclusive tools that make PF preferred by progressive Body Shops the world over!



EZ-E-ON[®] ATTACHMENTS SAVE 70% HOOK-UP TIME
90% TAKE-DOWN TIME PUSH . . . TWIST and it's on.
 Only 11 seconds for an EZ-E-ON[®] attachment . . . a long 43 seconds for the old screw-on type. See Pages 16 and 18.

PF-11 SPEED-MIDGET[®] PUSH-N-PULL SET

**4 TON SET WITH REMOTE CONTROL JACK
EZ-E-ON[®] ATTACHMENTS AND PULL KIT**

... FOR PUSHING, PULLING, SPREADING FASTER THAN
ANY OTHER BODY REPAIR EQUIPMENT

This complete, push, pull, spread set takes advantage of all of the exclusive PF tool and attachment features to hook-up, apply the right amount of controlled power where it's needed and take-down in record time. **NOTE:** See for 4 ton exclusive features, this page.

PF-11 36 PIECES IN STEEL CASE

KEY	QUANTITY	TOOL NO.	DESCRIPTION
A	1	SM-200	4 Ton Remote Control Jack
B	1	SM-39	Jack Body Toe
C	2	SM-40	Ram Extension Toes
D	1	SM-41	Jack Base
E	1	SM-42	V Notch Cap
F	2	SM-43	Rubber Head
G	2	SM-44	Offset Spreading Toes
H	2	SM-49	Ram Caps
I	2	SM-50	20" Tube Extensions
J	1	SM-52	12" Tube Extension
K	2	SM-53	3" Tube Extensions
L	1	SM-55	5" Tube Extension
M	1	SM-58	8" Tube Extension
N	1	SM-63	Pull Adapter
O	1	SMA-24	Short Ram
P	1	SM-100	Hydraulic Spreader
Q	2	BU-186	6' Chains— $\frac{1}{4}$ "
R	1	BU-187	Chain Pull Collar
S	2	BU-190	Bite-Tite Clamps
T	8	SM-7	Pins
U	1	SM-98	Steel Carrying Case

SHIPPING WEIGHT 61 POUNDS

See the SPEED-MIDGET[®], PF-7 on Page 8, the Start-A Set, PF-10 on Page 9 and Speed-Master Set PF-15 on Pages 4 and 5.



SUPER SPEED-MIDGET[®] 4 TON REMOTE CONTROL JACK

8,000 pounds of instant power for all PUSH-PULL-SPREAD jobs. Only 6 strokes per inch of ram travel, 30 strokes for full ram extension and many other speed features. Standard in all SPEED-MIDGET[®] sets. See Pages 22 to 25.



TYPICAL SPEED SET-UP FOR PF-11 PULL-KIT. Versatile and speedy, this six piece pull kit with positive, BITE-TITE CLAMPS can be used on flat or curved surfaces or over flanges. Two inches of metal pull for every inch of ram travel. See Page 17.



EXCLUSIVE DUCK-BILL SPREADER OPENS UP CLOSE SPACES IN SECONDS Slips into $\frac{3}{4}$ " space and opens up to $3\frac{1}{8}$ ". Serrated jaws prevent slipping, creasing and time consuming trial and error spreading. See Page 20.



ADJUSTABLE TUBE EXTENSION SM-56 For use with SPEED MIDGET[®] EZ-E-ON[®] and all other types of $\frac{3}{4}$ " tubing . . . insert tube extensions in each end, insert pins to lock. See Page 21.

PF-7



PF-7 SPEED-MIDGET® PUSH-SPREAD SET

**4 TON COMPLETE SET
REMOTE CONTROL JACK
EZ-E-ON® ATTACHMENTS**

... FOR PUSHING, SPREADING FASTER ... EASIER TO
HOOK-UP, TAKE-DOWN THAN ANY OTHER BODY
REPAIR EQUIPMENT

All parts and attachments in this push-spread set are
interchangeable with the PF-10 Start-A Set, the PF-11
Push-N-Pull Set and the PF-15 Master Set. An excellent
addition to any body shop to broaden the job capa-
bilities, speed production and add extra profits.

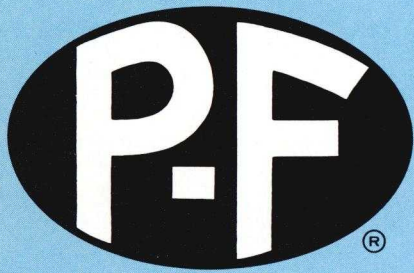
**NOTE: PF-17 SET—SAME AS PF-7
EXCEPT SM-63, SM-100 AND
SMA-24 NOT INCLUDED.
See Page 7 for 4 ton exclusive
features.**

PF-7 31 PIECES IN STEEL CASE

KEY	QUAN- TITY	TOOL NO.	DESCRIPTION
A	1	SM-200	4 Ton Remote Control Jack
B	1	SM-39	Jack Body Toe
C	2	SM-40	Ram Extension Toes
D	1	SM-41	Jack Base
E	1	SM-42	V Notch Cap
F	2	SM-43	Rubber Heads
G	2	SM-44	Offset Spreading Toes
H	2	SM-49	Ram Caps
I	2	SM-50	20" Tube Extensions
J	1	SM-52	12" Tube Extension
K	2	SM-53	3" Tube Extensions
L	1	SM-55	5" Tube Extension
M	1	SM-58	8" Tube Extension
N	1	SM-63	Pull Adapter
O	1	SMA-24	Short Ram
P	1	SM-100	Hydraulic Spreader
Q	8	SM-7	Pins
R	1	SM-98	Steel Carrying Case

SHIPPING WEIGHT 49 POUNDS

See the Start-A-Set, PF-10 on Page 9, the SPEED-MID-
GET® PF-11 on Pages 6 and 7 and the Speed-Master Set,
PF-15 on Pages 4 and 5.



THE WORLD'S FASTEST BODY REPAIR TOOLS

PF-10 SPEED-MIDGET® START-A SET

4 TON BASIC SET
REMOTE CONTROL JACK
EZ-E-ON® ATTACHMENTS

... A BASIC PUSH KIT ENGINEERED FOR MAXIMUM SPEED,
VERSATILITY AND ECONOMY

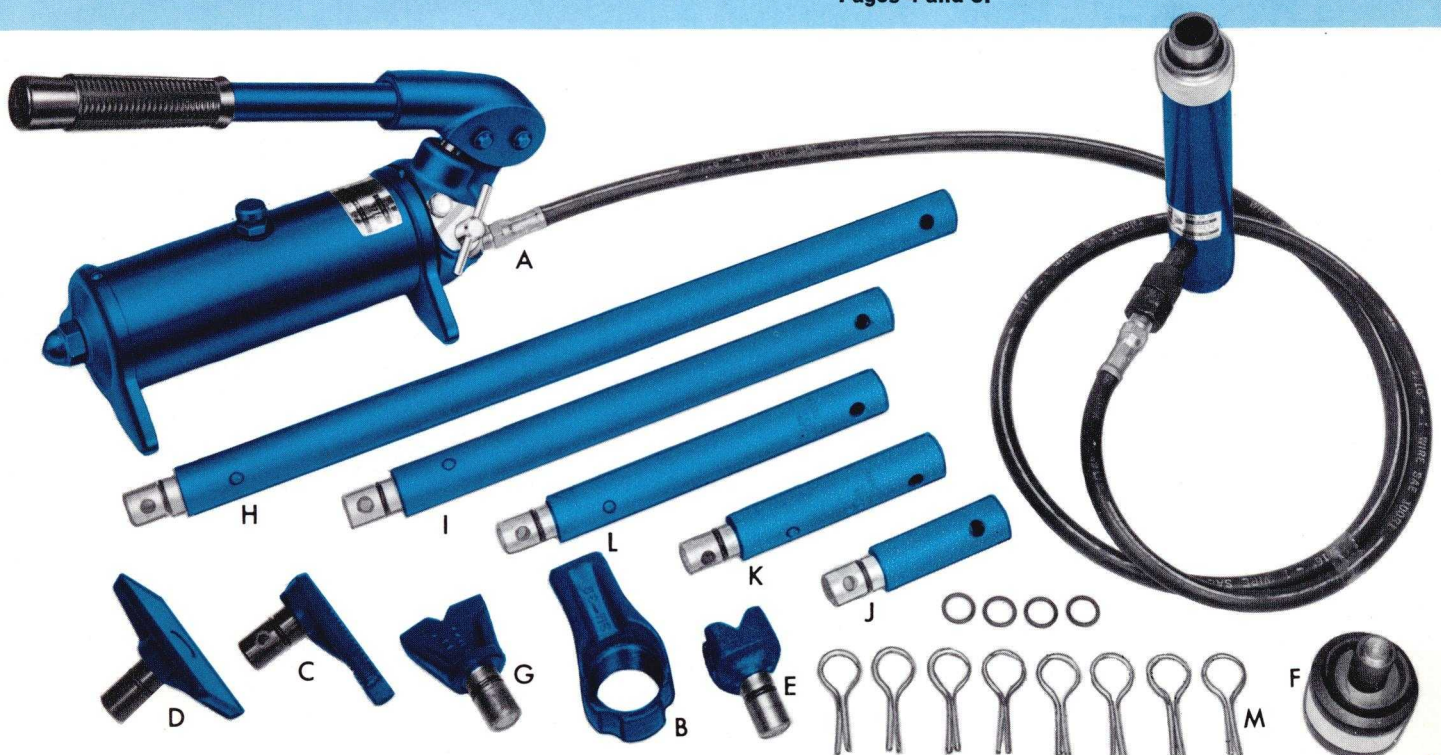
An excellent starter set. Additional standard attachments
are interchangeable and can be added at any time to make
this the most complete set of body and fender repair tools
available. Start-A Set for high performance and profit, low
initial investment. See Pages 7, 17, 18, 20, 21 for additional
attachments you can add later.

PF-10 20 PIECES

KEY	QUAN- TITY	TOOL NO.	DESCRIPTION
A	1	SM-200	4 Ton Remote Control Jack
B	1	SM-39	Jack Body Toe
C	1	SM-40	Ram Extension Toe
D	1	SM-41	Jack Base
E	1	SM-42	V Notch Cap
F	1	SM-43	Rubber Head
G	1	SM-44	Offset Spreading Toe
H	1	SM-50	20" Tube
I	1	SM-52	12" Tube
J	1	SM-53	3" Tube
K	1	SM-55	5" Tube
L	1	SM-58	8" Tube
M	8	SM-7	Pins

SHIPPING WEIGHT 27 POUNDS

See the SPEED MIDGET® PF-7 on Page 8, the SPEED-
MIDGET®, PF-11 on Page 7 and Master Set PF-15 on
Pages 4 and 5.





10 TON HYDRO-CHIEF® SETS ...THREADLESS TUBING

Features that make the PF® HYDRO-CHIEF® the most rugged and dependable of all body repair sets.

PF-43 HYDRO-CHIEF® PUSH-PULL SET

PF-43 35 PIECES IN STEEL CASE			
KEY	QUANTITY	TOOL NO.	DESCRIPTION
A	1	BU-450	10 Ton Remote Control Jack
B	1	BU-238	Pull Arm Assembly
C	1	BU-580	Jack Base
D	1	BU-585	Ram Base Plug
E	1	BU-700	Large Rubber Base
F	1	BU-705	Small Rubber Base
G	1	BU-775	Pull Arm Guide
H	1	BU-904	Jack Body Nesting Toe
I	1	BU-905	Push-Pull Nesting Toe
J	3	SL-1	Male Adapters
K	1	SL-2	Female Adapter
L	1	SL-4	4" Tube Extension
M	1	SL-6	6" Tube Extension
N	12	SL-7	Pins
O	1	SL-8	8" Tube Extension
P	3	SL-9	Connectors
Q	1	SL-12	12" Tube Extension
R	1	SL-16	16" Tube Extension
S	1	SL-20	20" Tube Extension
T	1	BU-90	Steel Carrying Case

SHIPPING WEIGHT 82 POUNDS

See the HYDRO-CHIEF® Start-A-Set PF-50, Page 11.

PF-41

For those who prefer threaded equipment; order HYDRO-CHIEF® PF-41—same as PF-43 except PF-135 1¼" Threaded Tubing is substituted for SPEEDLOK® TUBING.



10 TON COMPLETE SET REMOTE CONTROL JACK SPEEDLOK® TUBING

... THE COMPLETE HEAVY DUTY SET THAT ADDS POWER, SPEED AND PROFIT TO THE MOST DEMANDING BODY AND FRAME PROBLEMS.

All the attachments to tackle the real tough jobs ... door posts, reinforced members, heavy metal sections and light car and truck frame straightening. Every detail of pump, ram and attachments is engineered for long, trouble-free life.



EXTRA FAST POWER WITH 10 TON BU-450 HYDRO-CHIEF® JACK

10 tons of instant remote control power for the most stubborn body repair jobs. Long, trouble-free service built into every detail. Built-in filters and magnet catch chips and filings and assure long trouble-free service. See Page 22.



THE WORLD'S FASTEST BODY REPAIR TOOLS

PF-50 HYDRO-CHIEF® START-A SET

10 TON BASIC SET REMOTE CONTROL
JACK SPEEDLOK® TUBING

... A BASIC PUSH-KIT WITH VERSATILITY AND
POWER TO SPARE FOR REAL TOUGH JOBS.



PF-50 17 PIECES

KEY	QUANTITY	TOOL NO.	DESCRIPTION
A	1	BU-450	10 Ton Remote Control Jack
B	1	BU-580	Jack Base
C	1	BU-705	Small Rubber Base
D	1	BU-725	Short Nipple
E	1	BU-904	Jack Body Nesting Toe
F	1	BU-905	Push-Pull Nesting Toe
G	1	BU-907	Offset Spreading Toe
H	1	BU-913	Heavy Duty V Notch Cap
I	1	SL-1	Male Threaded Adapter
J	1	SL-2	Female Threaded Adapter
K	1	SL-4	4" SpeedLok Tube Extension
L	1	SL-8	8" SpeedLok Tube Extension
M	3	SL-9	Connectors
N	1	SL-12	12" SpeedLok Tube Extension
O	1	SL-16	16" SpeedLok Tube Extension

SHIPPING WEIGHT 57 POUNDS

Also see the HYDRO-CHIEF® PF-43, Page 10

Most body shops need HYDRO-CHIEF® Power on their most stubborn body, frame and truck problems. Again, PF® dependability and speed pays big profits in customer-to-customer time saving.



SPEEDLOK® snaps into place for pushing operations and can be pin-locked for pulling power. Adapters are also available for use with all 10 ton jacks. See Page 18.



RK-1 4 TON HYDRAULIC RESCUE KIT

A lightweight, easily portable, 4 ton kit designed for fast, efficient rescue operations. EZ-E-ON® attachments and matching jack can be set up in seconds. Only 30 pump strokes for full ram extension.



RK-1 36 PIECES IN STEEL CASE			
KEY	QUANTITY	TOOL NO.	DESCRIPTION
A	1	SM-200	4 Ton Remote Control Jack
B	1	SMA-24	Short Ram
C	1	SM-39	Jack Body Toe
D	2	SM-40	Ram Extension Toes
E	1	SM-41	Jack Base
F	2	SM-43	Rubber Heads
G	2	SM-44	Offset Spreading Toes
H	2	SM-49	Ram Caps
I	2	SM-50	20" Tube Extensions
J	1	SM-52	12" Tube Extension
K	2	SM-53	3" Tube Extensions
L	1	SM-55	5" Tube Extension
M	1	SM-58	8" Tube Extension
N	1	SM-63	Pull Adapter
O	8	SM-7	Pins
P	1	SM-100	Spreader
Q	1	SM-42	V Notch Cap
R	2	BU-186	6' Chains 1/4"
S	1	BU-187	Chain Pull Collar
T	2	BU-190	Bite-Tite Clamps
U	1	SM-98	Steel Carrying Case

SHIPPING WEIGHT 62 POUNDS

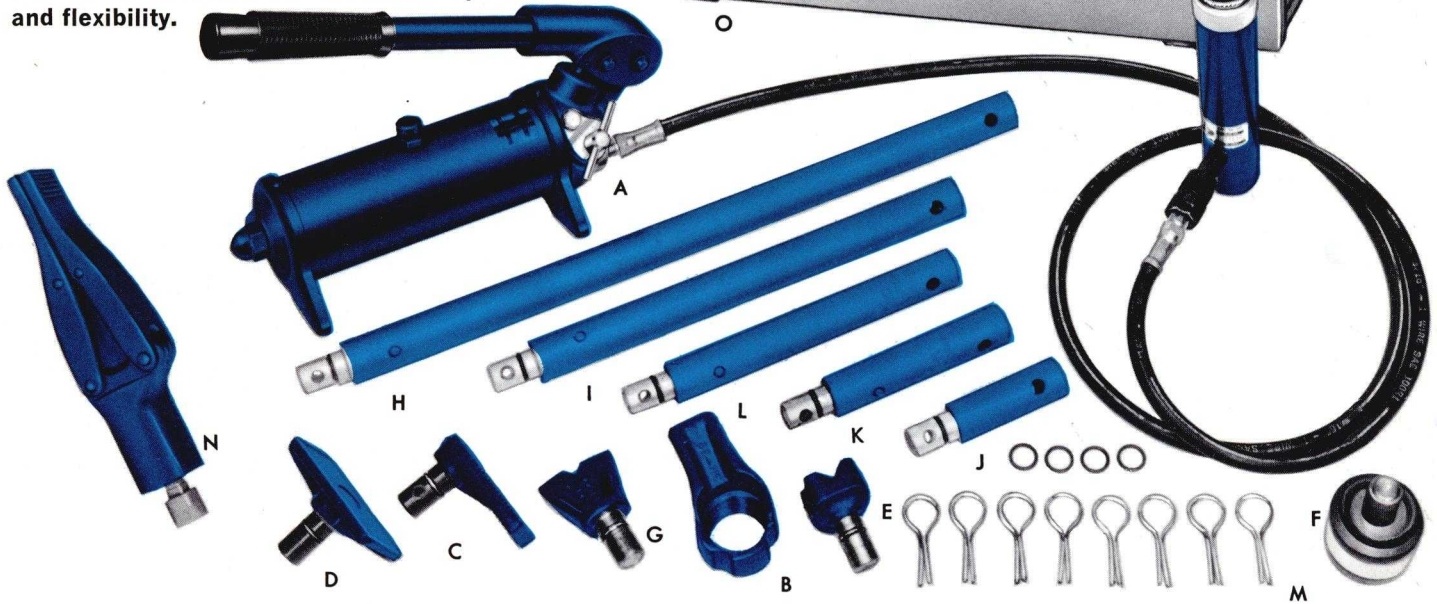
SEE RK-2 AND RK-4 RESCUE
KITS... PAGE 13 AND 14



THE WORLD'S FASTEST RESCUE TOOLS

RK-2 4 TON HYDRAULIC RESCUE KIT

A basic starter 4 ton rescue kit that can be expanded by adding matching 4 ton attachments. Compact and easily portable, these rugged tools set up fast to push and spread. Low initial investment... maximum speed and flexibility.



RK-2 22 PIECES IN STEEL CASE			
KEY	QUAN- TITY	TOOL NO.	DESCRIPTION
A	1	SM-200	4 Ton Remote Control Jack
B	1	SM-39	Jack Body Toe
C	1	SM-40	Ram Extension Toe
D	1	SM-41	Jack Base
E	1	SM-42	V-Notch Cap
F	1	SM-43	Rubber Head
G	1	SM-44	Offset Spreading Toe
H	1	SM-50	20" Tube
I	1	SM-52	12" Tube
J	1	SM-53	3" Tube
K	1	SM-55	5" Tube
L	1	SM-58	8" Tube
M	8	SM-7	Pins
N	1	SM-100	Hydraulic Spreader
O	1	SM-98	Steel Carrying Case

SHIPPING WEIGHT 45 POUNDS

SEE COMPLETE 4 TON RK-1 SET PAGE 12
AND 10 TON RK-4 SET, PAGE 14

RK-4 10 TON HYDRAULIC RESCUE KIT

... COMPLETE WITH 10 TON HYDRAULIC JACK
AND 53 ATTACHMENTS FOR EVERY RESCUE
OPERATION

Free Trapped Victims Quickly ... lift, shore, push,
spread, pull or press ... set-up and take-down in
seconds ... 142 pounds of instant rescue.

PF RK-4 53 PIECES IN STEEL CASE

KEY	QUANTITY	TOOL NO.	DESCRIPTION
A	1	BU-450	10 Ton Remote Control Jack
B	2	BU-190	Bite-Tite Clamp
C	1	BU-238	Pull Arm Assembly
D	1	BU-287	Chain Pull Collar
E	1	BU-580	Flat Push Plate
F	1	BU-581	Cleated Push Plate
G	1	BU-585	Ram Base
H	1	BU-586	Cleated Ram Base
I	1	BU-700	Rubber Anchor
J	1	BU-725	Short Nipple
K	1	BU-731	Heavy Duty Coupling
L	1	BU-750	Spreader
M	1	BU-775	Pull Guide
N	1	BU-904	Jack Spreading Toe
O	1	BU-905	Jack Piston Spreading Toe
P	1	BU-906	V Pushing Cap
Q	1	BU-907	Offset Spreading Toe
R	1	BU-910	Small Chain Attachment
S	2	BU-911	6' Chain $\frac{3}{8}$ " dia. Links
T	1	BU-912	Long Spreading Toe
U	1	BU-931	Short Chain with 2 Hooks
V	3	SL 1	Male Adapters
W	1	SL-2	Female Adapter
X	1	SL-4	4" Extension Tube
Y	1	SL-6	6" Extension Tube
Z	12	SL-7	Connecting Pins
A2	1	SL-8	8" Extension Tube
B2	5	SL-9	Tubing Connectors
C2	1	SL-12	12" Extension Tube
D2	1	SL-16	16" Extension Tube
E2	1	SL-20	20" Extension Tube
F2	1	RK-98	Steel Carrying Case
G2	1	RK-99	Canvas Carrying Case

SHIPPING WEIGHT 142 POUNDS



HYDRO-GIANT® ATTACHMENTS

... for use with 12½ Ton Push-Pull Remote Control Jack.

These are the attachments designed to solve the most difficult body
and frame repairs ... with 25,000 pounds of push power and 15,000
pounds of pull power, real tough jobs become routine.

BU-906 90° PUSHING CAP: Used for
pushing into alignment, parts of
frame where two surfaces or mem-
bers meet to form a corner.



**BU-910 SMALL CHAIN PULL AT-
TACHMENT:** Screws onto ram cyl-
inder to hold chain in all pull
operations.



BU-907 OFFSET SPREADING TOE:
For offset pushing in narrow open-
ings. Offset angle permits positive
alignment when pushing in a 90° arc.

**BU-909 LARGE CHAIN PULL AT-
TACHMENT:** Screws onto ram cylin-
der to hold chain in all pull operations.

**BU-911 6'— $\frac{3}{8}$ " HEAVY DUTY
CHAIN:** For use in pull opera-
tions such as a variety of frame and other
operations where an exceptionally
strong chain is required. More flex-
ible than tubing hook-ups.

PF-61 HYDRO-GIANT® PUSH-PULL EXTRA HEAVY DUTY SET

12½ TON PUSH

7½ TON PULL

COMPLETE SET

REMOTE CONTROL JACK

1¼" EXTRA HEAVY THREADED TUBING

HEAVY DUTY

EXTRA HEAVY ATTACHMENTS

... THE BIG-SHOP SET FOR HEAVY BODY AND TRUCK FRAME PUSHING, PULLING AND SPREADING

Here is a heavy duty set for the most demanding body and frame problems. 25,000 pounds of push power and 15,000 pounds of pull power instantly. Extremely rugged attachments make this set a must for the complete body shop.



PF-61 28 PIECES

KEY	QUANTITY	TOOL NO.	DESCRIPTION
A	1	BU-500	12½ Ton Remote Control Jack
B	1	BU-580	Jack Base
C	1	BU-700	Large Rubber Base
D	1	BU-705	Small Rubber Base
E	3	BU-725	Short Nipples
F	5	BU-731	Heavy Duty Couplings
G	1	BU-904	Jack Body Nesting Toe
H	1	BU-905	Push-Pull Nesting Toe
I	1	BU-906	90° Pushing Cap
J	2	BU-907	Offset Spreading Toes
K	1	BU-909	Large Chain Pull Attachment
L	1	BU-910	Small Chain Pull Attachment
M	1	BU-911	6' Chain, ¾" dia.
N	1	BU-913	V Notch Cap, Heavy Duty
O	1	BU-917	8" Tube Extension, Heavy Duty
P	1	BU-919	Swivel Chain Hook
Q	1	BU-920	5" Tube Extension, Heavy Duty
R	1	BU-921	6" Tube Extension, Heavy Duty
S	1	BU-922	12" Tube Extension, Heavy Duty
T	2	BU-923	20" Tube Extension, Heavy Duty

SHIPPING WEIGHT 110 POUNDS

See 10 Ton HYDRO-CHIEF® PF-43 on Page 10 and HYDRO-CHIEF® Start-A Set PF-50 on Page 11.



BU-913 HEAVY DUTY V NOTCH CAP: Use as a base for holding jack in position when pushing front or rear cross members into alignment.



BU-700 LARGE RUBBER BASE: Used as a terminal for pushing against finished surfaces.



BU-919 SWIVEL CHAIN HOOK: Screws onto ram or tubing to hook up with chain for pushing or pulling on diagonal or short frame jobs.



BU-580 JACK BASE: Screws with BU-725 Short Nipple to ram bottom or onto extensions whenever a broad base is needed.



BU-585 RAM BASE PLUG: Screws into bottom of ram to protect threads and may be used as a small jacking base.

HEAVY DUTY TUBE EXTENSIONS: BU-725 Short Nipple • BU-731 Coupling • BU-917 8" • BU-920 5" • BU-921 6" • BU-922 12" • BU-923 20" • Designed for heavy duty operations including frame work. Tubing has ¾" wall thickness to match the power of the 12½-ton Hydraulic Jack.



BU-705 SMALL RUBBER BASE: The PF design of the flat end distributes the working pressure over a wide area.



BU-904 JACK BODY NESTING TOE: Screws onto ram cylinder with toe plate in any position. Combines with BU-905 Push-Pull Nesting Toe for all spreading operations.



BU-905 PUSH-PULL NESTING TOE: Screws onto ram piston for lifting and combines with BU-904 Jack Body Nesting Toe for all spreading operations.



THE WORLD'S FASTEST BODY REPAIR TOOLS

PF-8

SPEED MIDGET® CONVERSION UNIT EZ-E-ON® ATTACHMENTS



CONVERT ANY $\frac{3}{4}$ " THREADED JACK TO A
FASTER, STRONGER THREADLESS SET.

Converting $\frac{3}{4}$ " threaded equipment which is still
serviceable to the fastest, most modern body re-
pair set available is easy with the P-F-8 SPEED
MIDGET® Conversion Kit.

PF-8 27 PIECES CONVERSION UNIT			
KEY	QUANTITY	TOOL NO.	DESCRIPTION
A	2	SM-40	Ram Extension Toes
B	1	SM-41	Jack Base
C	1	SM-42	V Notch Cap
D	2	SM-43	Rubber Heads
E	2	SM-44	Offset Spreading Toes
F	2	SM-49	Ram Caps
G	2	SM-50	20" Tube Extensions
H	8	SM-7	Pins
I	1	SM-52	12" Tube Extension
J	2	SM-53	3" Tube Extension
K	1	SM-55	5" Tube Extension
L	1	SM-58	8" Tube Extension
M	1	SM-21	Adapter
N	1	SM-22	Adapter

SHIPPING WEIGHT 21 POUNDS

See 4 Ton SPEED MIDGET® Sets on Pages 6, 7, 8, 9 and
Speed Master Set on Pages 4 and 5.

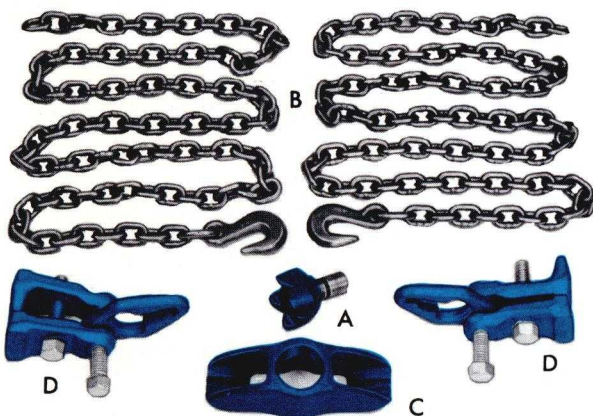
Any $\frac{3}{4}$ " threaded ram can be converted quickly
like this—



and give full, fast SPEED MIDGET® Service at less
than half the cost of a complete new set.



Fast hook-up, fast pulling performance—jack can be located at any convenient place on chain for easy jacking.



PULL-KITS

THREE SIZES

Designed to give two inches of "Pull" for each inch of ram travel, these famous P-F Pull-Kits outperform and outlast any other kits available and pay a dividend of speed and profit.

PF-153 SPEED-MIDGET® PULL-KIT

PF-153 FOR USE WITH SM-200 JACK

KEY	QUANTITY	TOOL NO.	DESCRIPTION
A	1	SM-42	V Notch Cap
B	2	BU-186	6' Chains— $\frac{1}{4}$ "
C	1	BU-187	Chain Pull Collar
D	2	BU-190	Bite-Tite Clamps

SHIPPING WEIGHT 12 POUNDS

PF-151 HYDRO-MIDGET® PULL-KIT

PF-151 FOR USE WITH BU-200
or any $\frac{3}{4}$ " threaded ram

KEY	QUANTITY	TOOL NO.	DESCRIPTION
A	1	BU-42	V Notch Cap
B	2	BU-186	6' Chains— $\frac{1}{4}$ "
C	1	BU-187	Chain Pull Collar
D	2	BU-190	Bite-Tite Clamps

SHIPPING WEIGHT 12 POUNDS

PF-152 HYDRO-CHIEF® PULL-KIT

PF-152 FOR USE WITH BU-450
or any $1\frac{1}{4}$ " threaded ram

KEY	QUANTITY	TOOL NO.	DESCRIPTION
A	1	BU-911	6' Chain— $\frac{3}{8}$ "
B	2	BU-190	Bite-Tite Clamps
C	1	BU-287	Chain Pull Collar
D	1	BU-288	Chain Pull Head

SHIPPING WEIGHT 18 POUNDS

NOTE: Special adapters available for rams with $1\frac{1}{8}$ "—16 thread and $1\frac{5}{8}$ "—16 thread.

MISCELLANEOUS ACCESSORIES

BU-188 CHAIN PULL COLLAR

For adapting any ram with $1\frac{1}{8}$ "—16 thread for use with PF-151 HYDRO-MIDGET® Pull Kit.

BU-189 CHAIN PULL COLLAR

For adapting any ram with $1\frac{1}{8}$ "—16 thread for use with PF-151 HYDRO-MIDGET® Pull Kit.

TUBING SETS

PF-133 EZ-E-ON® TUBING SET FOR ALL 3/4" THREADLESS JACKS.

Push, twist and it's ON! Saves 70% of hook-up time, 90% of take-down time. For use with SPEED-MIDGET® 4 ton jack or with any 3/4" threadless ram. Same set as in PF7, 11, 15, and 17.

PF-133 7 PIECES			
KEY	QUANTITY	PIECE NO.	DESCRIPTION
A	2	SM-50	20" Tube Extensions
B	1	SM-52	12" Tube Extensions
C	2	SM-53	3" Tube Extensions
D	1	SM-55	5" Tube Extensions
E	1	SM-58	8" Tube Extensions

SHIPPING WEIGHT 11 1/4 POUNDS

PF-134 EZ-E-ON® TUBING SET FOR ALL 3/4" THREADLESS JACKS.

Push, twist and it's ON! Saves 70% of hook-up time, 90% of take-down time. For use with SPEED-MIDGET® 4 ton jack or with any 3/4" threaded or threadless ram. For changing from threaded to threadless tubing.

PF-134 18 PIECES			
KEY	QUANTITY	PIECE NO.	DESCRIPTION
A	2	SM-1	Adapters
B	1	SM-21	Adapter
C	1	SM-22	Adapter
D	2	SM-50	20" Tube Extensions
E	1	SM-52	12" Tube Extension
F	1	SM-53	3" Tube Extension
G	1	SM-55	5" Tube Extension
H	1	SM-58	8" Tube Extension
I	8	SM-7	Pins

SHIPPING WEIGHT 9 POUNDS

PF-137 SPEEDLOK® TUBING SET FOR 1 1/4" DIA. JACKS

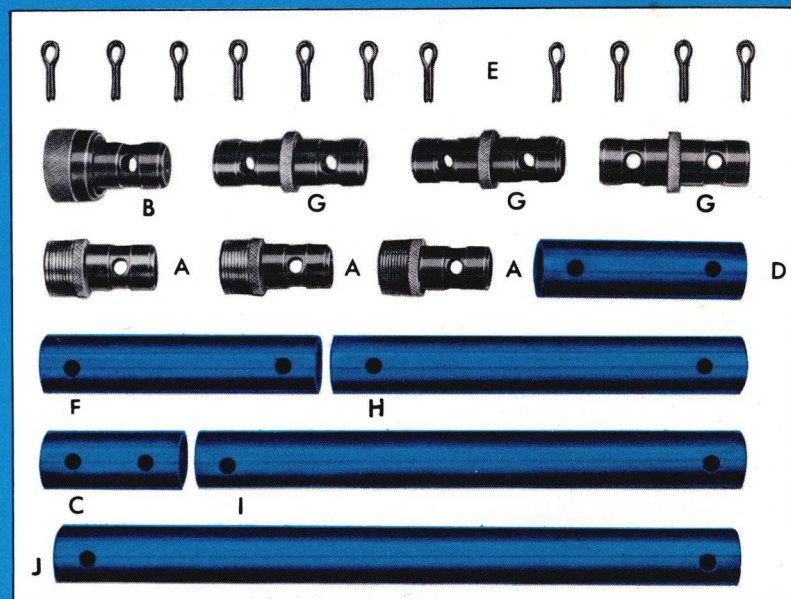
Time saving SPEEDLOK® tubing and connectors for use with P-F® 5, 7 1/2 and 10 ton jacks. Adapters are included for converting from standard threaded tubing and attachments.

PF-137 25 PIECES			
KEY	QUANTITY	PIECE NO.	DESCRIPTION
A	3	SL-1	Male Threaded Adapters
B	1	SL-2	Female Threaded Adapter
C	1	SL-4	4" Tube Extension
D	1	SL-6	6" Tube Extension
E	12	SL-7	Pins
F	1	SL-8	8" Tube Extension
G	3	SL-9	Connectors
H	1	SL-12	12" Tube Extension
I	1	SL-16	16" Tube Extension
J	1	SL-20	20" Tube Extension

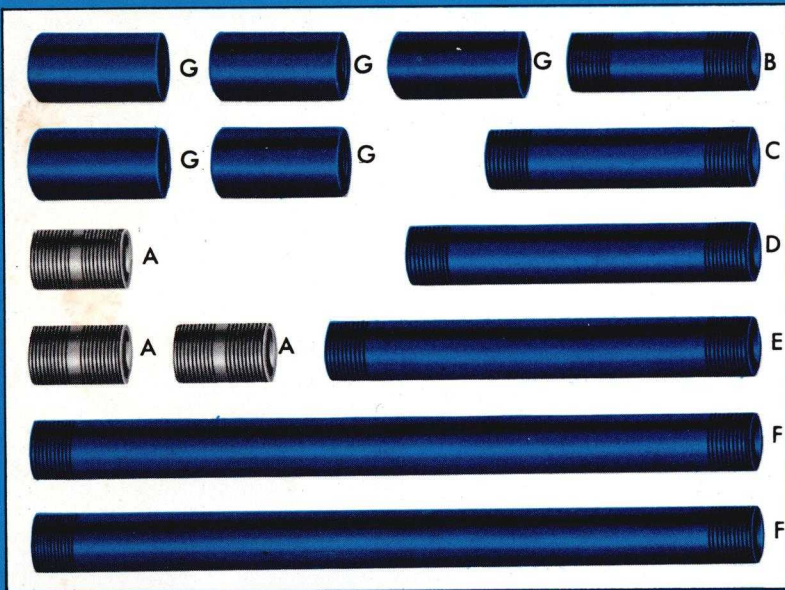
SHIPPING WEIGHT 23 POUNDS

Speed, efficiency and versatility is engineered into the complete line of PF tubing . . . from the speedy exclusive EZ-E-ON® and the SPEEDLOK® snap-on type to the ordinary threaded sets.

THREADLESS SETS



THREADED SETS

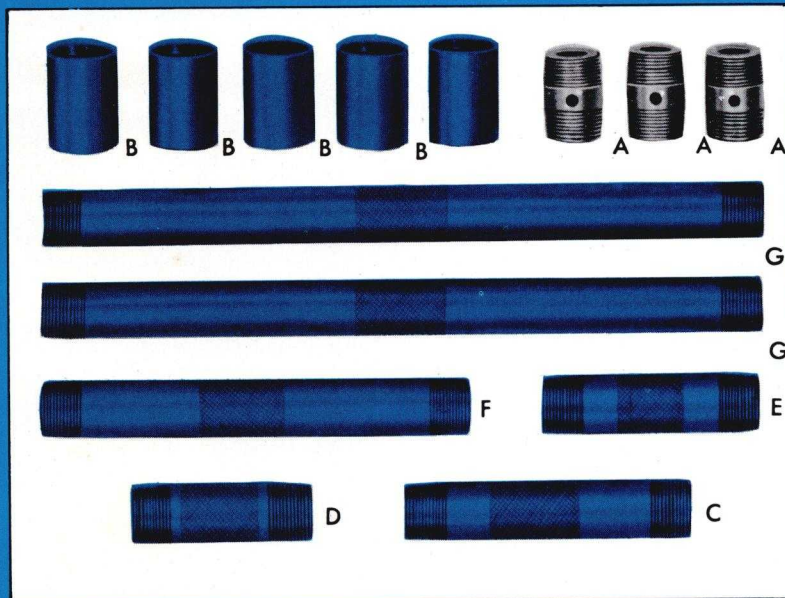


PF-135 THREADED 1 1/4" TUBING SET

Complete selection of threaded tubing for use with P-F® 5, 7 1/2 and 10 ton jacks. Size: 1 1/4" standard pipe thread.

PF-135 14 PIECES			
KEY	QUANTITY	PIECE NO.	DESCRIPTION
A	3	BU-725	Short Nipples
B	1	BU-726	5" Tube Extension
C	1	BU-727	6" Tube Extension
D	1	BU-728	8" Tube Extension
E	1	BU-729	12" Tube Extension
F	2	BU-730	20" Tube Extensions
G	5	BU-731	Heavy Duty Couplings

SHIPPING WEIGHT 27 POUNDS

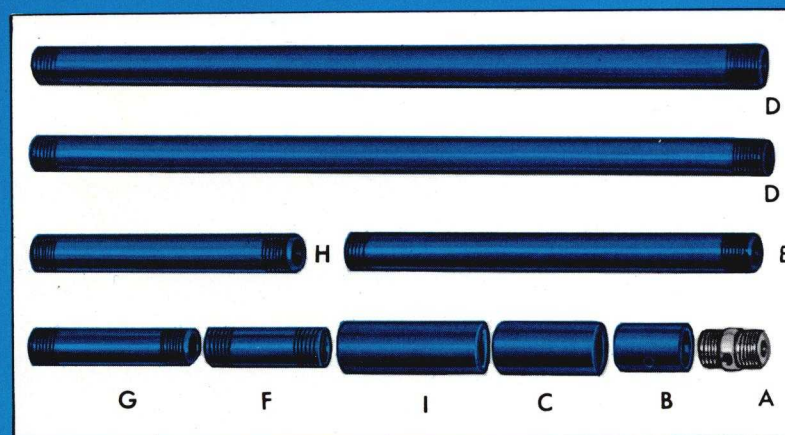


PF-136 HEAVY DUTY TUBING SET—1 1/4" THREADS

Threaded tubing and fittings with thick 3/8" walls for heavy duty metal and frame work. Size: 1 1/4" standard pipe thread.

PF-136 14 PIECES			
KEY	QUANTITY	PIECE NO.	DESCRIPTION
A	3	BU-725	Short Nipples
B	5	BU-731	Couplings
C	1	BU-917	8" Tube Extension
D	1	BU-920	5" Tube Extension
E	1	BU-921	6" Tube Extension
F	1	BU-922	12" Tube Extension
G	2	BU-923	20" Tube Extensions

SHIPPING WEIGHT 41 POUNDS



PF-138 HYDRO-MIDGET® TUBING SET—3/4" THREADS

Threaded tubing and connectors for use with the HYDRO-MIDGET® 4 ton jack. Size: 3/4" standard pipe thread.

PF-138 10 PIECES			
KEY	QUANTITY	PIECE NO.	DESCRIPTION
A	1	BU-46	Short Nipple
B	1	BU-47	Short Coupling
C	1	BU-48	Long Coupling
D	2	BU-50	20" Tube Extensions
E	1	BU-52	12" Tube Extension
F	1	BU-53	3" Tube Extension
G	1	BU-55	5" Tube Extension
H	1	BU-58	8" Tube Extension
I	1	BU-59	Extra Long Coupling

SHIPPING WEIGHT 9 POUNDS



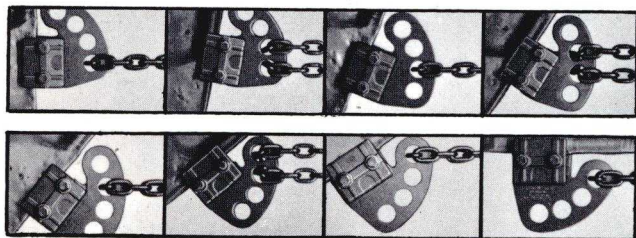
THE WORLD'S FASTEST BODY REPAIR TOOLS

EXCLUSIVE BODY REPAIR ACCESSORIES

BU-290 ALL ANGLE PULL CLAMP

Does the work of eight ordinary clamps and can be used with all pull rigs and jack sets. This new P-F® tool has become one of the most important work and time saving accessories in thousands of progressive body shops.

TOOL NO.	WEIGHT	DESCRIPTION
BU-290	8½ lbs.	All Angle Pull Clamp



DEEP THROAT
JAWS FIT EASILY
OVER FLANGES

4"



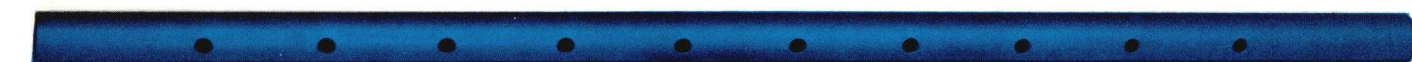
SAW TOOTH
FACES FOR POSITIVE
HOLDING

SM-100 HYDRAULIC SPREADER

A new, faster action spreader makes close area spreading easier. Jaws fit into ¾" space and spread to 3⅛". Serrations on blades prevent slipping and eliminate creasing. Hose attaches to bottom end of ram to make positioning fast and easy.

TOOL NO.	WEIGHT	DESCRIPTION
SM-100	4 lbs., 4 oz.	Hydraulic Spreader





SM-56 ADJUSTABLE TUBE EXTENSION

For use with all SPEED-MIDGET®, Ez-E-On® Tubing, all $\frac{3}{4}$ " threaded or threadless tubing, this adjustable tube extension saves hours when making hook-ups for long spans. Use with shorter lengths of tubing to span desired length and lock pins in position. Made of finest quality cold drawn seamless tubing.

TOOL NO.	WEIGHT	DESCRIPTION
SM-56	5 lbs.	Adjustable Tube Extension



SM-24 SHORT RAM

This short ram gives big power in cramped spaces and can be used with rubber heads, extensions or attachments. 4 ton capacity, it is $\frac{4}{8}$ " retracted and with a ram travel of $3\frac{1}{4}$ " extends to $8\frac{1}{8}$ ". Fits all 3 and 4 ton jacks having a $\frac{1}{4}$ " Quick Detach Coupler.

SM-1 Adapter included for use with $\frac{3}{4}$ " threaded tubing.

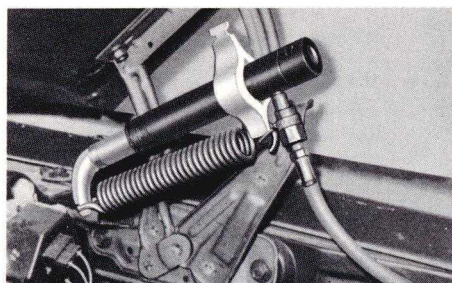
TOOL NO	WEIGHT	DESCRIPTION
SM-24	2 lbs., 12 oz.	Short Ram



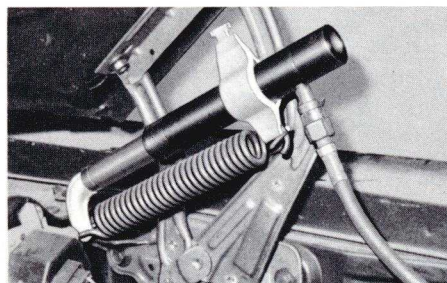
SM-14 EXTRA SHORT RAM

For getting into extra tight places, this ram can be used with 2, 3, 4 and 10 ton jacks with Quick Detach Couplers. $2\frac{3}{8}$ " high in retracted position with one full inch of ram travel . . . hose connection is offset for easy, fast hook-up.

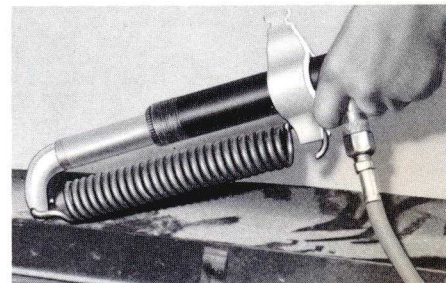
TOOL NO.	WEIGHT	DESCRIPTION
SM-14	1 lb., 12 oz.	Extra Short Ram



(1) Hook one attachment to each loop of car hood spring.



(2) Extend ram and spring is extended, too.



(3) Remove spring with speed, ease and safety.

SM261



SM260



CAR HOOD SPRING SPREADER

Removes car hood springs in seconds with safety. This is the first satisfactory solution to a common, difficult and dangerous body shop problem. Now, hood spring removal can be fast, easy and safe.

SM-260 STANDARD SET

For use with P-F
SM-200 Threadless Jacks

Contains—

- 1—SM-261 RAM CLAMP
- 1—SM-262 RAM SPREADER TOE

BU-260 SPECIAL SET

For use with P-F, B-H & HW
 $\frac{3}{4}$ " Threaded Jacks
Fits all $\frac{3}{4}$ " Threaded Rams

Contains—

- 1—SM-22 ADAPTER
- 1—SM-261 RAM CLAMP
- 1—SM-262 RAM SPREADER TOE





WORLD'S FASTEST LINE OF HYDRAULIC JACKS

MODEL

SM-200 4 TON
SPEED-MIDGET®
REMOTE CONTROL
JACK



BU-200 4 TON
HYDRO-MIDGET®
REMOTE CONTROL
JACK



BU-300 5 TON
DIRECT ACTION
ALL POSITION
JACK



BU-450 10 TON
REMOTE CONTROL
JACK



BU-500
12½ TON PUSH
7½ TON PULL
REMOTE CONTROL
SELF-RETRACTING
JACK



FEATURES

Fast, compact and versatile, this self-retracting jack has ¾" threadless hole in piston and in ram cylinder base. Ram operates in all positions. Six strokes per inch of ram travel—thirty strokes for full extension. Built-in filters and magnet for long trouble-free service.

Same as SM-200 except has ¾" pipe threads on both ends of ram.

This self-contained, self-retracting, direct action jack operates with maximum speed and efficiency in all positions . . . has 1¼" pipe threads on end of piston and in ram cylinder base.

An ultra-dependable, heavy duty jack, self-retracting with standard 1¼" pipe threads on end of piston and in ram cylinder base. 10 tons of fast, remote control power. Built-in filters and magnet for long trouble-free service.

12½ tons of Push Power, 7½ tons of Pull Power, remote control, self-retracting jack. Operates in any position . . . has 1¼" threads on end of piston and in ram cylinder base. An exceptionally compact heavy duty jack.

SPECIFICATIONS

MAX. THRUST POWER—8000 Pounds

HOSE LENGTH—6 Feet

WEIGHT (with hose)—13½ pounds

OIL CAPACITY—12½ Cu. In. or 10 ounces.

See Pumps and Rams, Pages 23, 24, 25.

For attachments, see page 26.

POWER—8000 Pounds

HOSE LENGTH—6 Feet

WEIGHT (with hose)—13½ pounds.

OIL CAPACITY—12½ Cu. In. or 10 ounces.

See Pumps and Rams, Pages 23, 24, 25.

For attachments, see page 27.

POWER—10,000 Pounds

WEIGHT—13 Pounds

OIL CAPACITY—10½ Cu. In. or 8 ounces.

See Pumps and Rams, Pages 23 and 25.

For attachments, see page 28.

POWER—20,000 Pounds

HOSE LENGTH—7 Feet

WEIGHT (with hose)—24 Pounds

OIL CAPACITY—25 Cu. In. or 16 ounces.

See Pumps and Rams, Pages 23 and 25.

For attachments, see page 28.

POWER { 25,000 Pounds PUSH
15,000 Pounds PULL

HOSE LENGTH—7 Feet

WEIGHT (with hose)—36 Pounds

OIL CAPACITY—25 Cu. In. or 24 ounces.

See Pumps and Rams, Pages 23 and 25.

For attachments, see page 28.

STANDARD ACCESSORIES
FOR PF HYDRAULIC
JACKS, RAMS and PUMPS



BU-600 QUICK DETACH COUPLER

For quick, easy switching from one ram to another without loss of jacking pressure. This coupler permits use of two separate rams using a single pump. Ram can also be detached from hose for ease in changing attachments or repositioning ram.

& HYDRAULIC PUMPS

- **PRECISION**
- **POWER**
- **SPEED**

FEATURES

A versatile, 4-ton capacity, remote control pump for use with the four smaller, 4-ton rams. Lightweight, compact for portable or fixed applications, 6 pump strokes per inch of ram travel, only 30 strokes for full extension. Built-in filters and magnet for long, trouble-free service. Retainer clip prevents removing needle valve accidentally. Vent valve prevents vacuum build up and resulting malfunction.

5 ton capacity, direct action, all position unit, self-contained and self-retracting.

10-ton capacity, remote control pump. Magnet and screens filter out dirt, metal chips, protect unit to insure longer life.

12½ ton push, 7½ ton pull, remote control pump. Screens filter out dirt, metal chips, protect unit to insure longer life.

SPECIFICATIONS

P.S.I. DEVELOPED 6300
 OIL CAPACITY, CU. IN. 12½
 DISPLACEMENT/STROKE, CU. IN. 196
 PUMP PLUNGER STROKE 1"
 WEIGHT—With oil 9 lbs.
 HOSE HOLE THREAD ¼" NPT
 FOR USE WITH RAM NO.
 SM-34, BU-34, SM-24, SM-14

P.S.I. DEVELOPED 5650
 OIL CAPACITY, CU. IN. 10½
 DISPLACEMENT/STROKE, CU. IN. 248
 PUMP PLUNGER STROKE 1"
 RAM TRAVEL/STROKE 140"
 NO. STROKES, FULL EXTENSION 28.5
 WEIGHT—With oil 13 lbs.
 RAM TRAVEL 4"

P.S.I. DEVELOPED 8500
 OIL CAPACITY, CU. IN. 25
 DISPLACEMENT/STROKE, CU. IN. 196
 PUMP PLUNGER STROKE 1"
 WEIGHT—With oil 10 lbs.
 HOSE HOLE THREAD ¼" NPT
 FOR USE WITH RAM NO.
 BU-404, BU-454, SM-14

P.S.I. DEVELOPED 10,000
 OIL CAPACITY, CU. IN. 25
 DISPLACEMENT/STROKE, CU. IN. 196
 PUMP PLUNGER STROKE 1"
 WEIGHT—With oil 13 lbs.
 HOSE HOLE THREAD ¼" NPT
 FOR USE WITH RAM NO. BU-504

MODEL



SM-33B



BU-300



BU-453



BU-503



THE WORLD'S FASTEST HYDRAULIC RAMS

SMA-24

SM-34



SM-14



SPECIFICATIONS

This extra short ram can be used with 2, 3, 4 and 10 ton pumps with $\frac{1}{4}$ " quick disconnect couplings for fast power in remote or restricted spaces.

For use with 3 and 4 ton pump having $\frac{1}{4}$ " quick disconnect couplings, this ram is short but extends a full $3\frac{1}{4}$ inches.

For use with 4 ton jacks having $\frac{1}{4}$ " couplings. Piston is without threads for use with EZ-E-ON® attachments. Self-retracting.

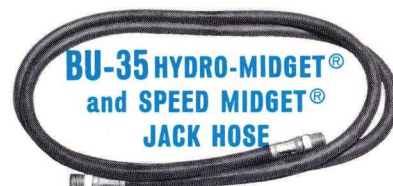
CAPACITY—Tons	4	4	4
EFFECTIVE PISTON AREA —SQ. IN.	1.107	1.107	1.107
PISTON TRAVEL/STROKE	.158"	.158"	.158"
RETRACTED HEIGHT	$2\frac{5}{16}$ "	$4\frac{7}{8}$ "	9"
PISTON TRAVEL	1"	$3\frac{1}{4}$ "	$4\frac{3}{4}$ "
EXTENDED HEIGHT	$3\frac{5}{16}$ "	$8\frac{1}{8}$ "	$13\frac{3}{4}$ "
PISTON DIAMETER	$1\frac{3}{16}$ "	$1\frac{3}{16}$ "	$1\frac{3}{16}$ "
SPRING RETURN	no	no	yes
HOSE HOLE THREAD	$\frac{1}{4}$ " NPT	$\frac{1}{4}$ " NPT	$\frac{1}{4}$ " NPT
MAXIMUM O.D.	$1\frac{3}{4}$ "	$1\frac{3}{4}$ "	$1\frac{3}{4}$ "
RAM THREAD—Male	—	—	—
BODY THREAD—Male	—	—	$1\frac{1}{2}$ "—12 US
BASE THREAD—Female	—	—	—
WEIGHT—Pounds	$1\frac{1}{2}$	$2\frac{1}{2}$	3
OIL CAP., CU. IN.	1.05	3.4	5.25
USE WITH PUMP NO.	SM-33, BU-453	SM-33	SM-33
OPERATING PRESSURE	7250	7250	7250
CAPACITY—P.S.I.			

... for instant **POWER** in any position!

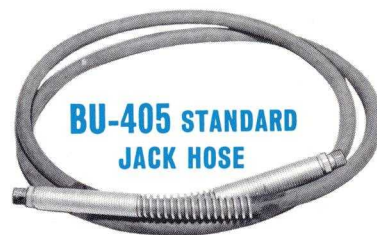
BU-34

BU-454

BU-504



A high pressure, 1 wire braid, oil and abrasive resistant hose 12,000 P.S.I. bursting strength, 6 feet long with built-in 1/4" NPT male fittings. Use on 3 and 4 ton jacks.



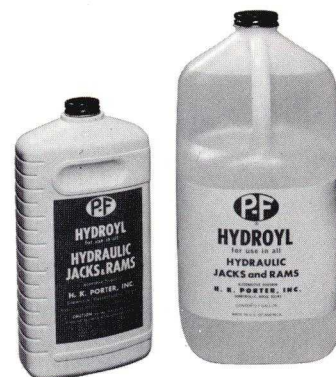
A high pressure, 2 wire braid, oil and abrasive resistant hose 20,000 P.S.I. bursting strength, 7 feet long with built-in 1/4" NPT male fittings. Use on BU-400, BU-450 and BU-500 jacks.

Same as SM-34 except piston is threaded for use with 3/4" threaded equipment. Self-retracting.

A heavy duty all-purpose ram for use with 1 1/4" threaded or SPEEDLOK® equipment... self-retracting, extremely fast and versatile.

12 1/2 ton of Push power and 7 1/2 ton of Pull power for use with heavy duty 1 1/4" threaded equipment... self-retracting, compact and rugged.

4	10	12 1/2 Push, 7 1/2 Pull
1.107	2.4	3.976 Push, 1.902 Pull
.158" 9"	.081" 11"	.049" 12 1/4"
4 3/4" 13 3/4" 1 3/16" yes	5 3/4" 16 3/4" 1 3/4" yes	5 3/4" 18" 2 1/4" yes
1/4" NPT 1 3/4"	1/4" NPT 2 1/2"	1/4" NPT 3 1/2"
3/4"—14 NPT 1 1/2"—12 US 3/4"—14 NPT	1 1/4"—11 1/2 NPT 2 1/4"—14 US 1 1/4"—11 1/2 NPT	1 1/4"—11 1/2 NPT 2 1/4"—14 US 1 1/4"—11 1/2 NPT
3 5.25 SM-33 7250	9 13.8 BU-453 8350	17 23 Push, 11 Pull BU-503 6300 Push, 6780 Pull



HYDROYL®

Always use HYDROYL® P-F® Hydraulic fluid for economy and smooth, efficient operation of quality hydraulic jacks and rams. Special detergents prevent rust. In quarts and gallons.



SPEED-MIDGET® ATTACHMENTS

... for use with
4 Ton Remote Control Jack

Every SPEED MIDGET® Attachment is engineered by body shop experts for the modern, progressive body shop. Speed, efficiency and profit are designed into every tool. The real test is to compare P-F® with any other body repair tools ... P-F® wins every time!

SM-7 PINS: For use in all pulling operations.

SM-14 EXTRA SHORT RAM: For getting into tight places ... for use with 2, 3, 4 and 10 ton jacks and Quick Detach Coupler. 2 3/8" high. See Page 21, 24.

SM-24 SHORT RAM: Four ton capacity, 4 7/8" retracted with ram travel of 3 1/4" to 8 1/8" overall. SM-1 Adapter included for use with threaded tubing. See Page 21, 24.

SM-39 JACK BODY TOE: Screws on to ram cylinder, with toe plate in any position. Use with Ram Extension Toe for spreading and pushing.

SM-40 RAM EXTENSION TOE: Attaches to ram for lifting or pushing. See SM-39 above.

SM-41 JACK BASE: Attaches to either end of ram or to extensions for a solid base.

SM-42 V NOTCH CAP: Attaches to ram or extensions for holding in pushing cross members into position and with chain pull kit.

SM-43 RUBBER HEAD: Used as a terminal for pushing against finished surfaces that should be protected. The P-F designed flat end distributes the working pressure over a wide area.

SM-44 OFFSET SPREADING TOE: For offset pushing in narrow openings. Notched edge can be used as an anchoring point against bolts and nuts making possible many difficult pushing operations. The offset angle permits positive alignment when pushing in a 90° arc.

SM-49 RAM CAP: Grooved to set against flanges and beads and serrated to prevent slipping when working directly against low crown or flat surfaces. Cuts length of assembly, for closer work—flat bottom allows flat thrust from piston, eliminates damage to both.

EZ-E-ON TUBE EXTENSIONS: SM-50 20" • SM-52 12" • SM-53 3" • SM-55 5" • SM-58 8". This assortment of tube extensions assembles to span space required for pushing or pulling operations. Simply push-twist and connections are made; faster and better. Finest quality cold drawn seamless tubing for greater strength. Stronger than threaded tubing.

SM-56 ADJUSTABLE TUBE EXTENSION: For hooking up long spans. Insert pieces of tubing in each end—pull out to lengthen—telescope to shorten. Insert pins for locking. See page 21.

SM-63 PULL ADAPTER: Permits clamping or pulling operations with EZ-E-ON or any 3/4" threadless tubing. Screws to ram cylinder to provide a rigid anchor for tubing and attachments. Especially useful in making small corrections when fitting hoods and deck lids.

SM-100 HYDRAULIC SPREADER: For "close area" spreading. Jaws slip into 3/4" space—spread to 3 1/8". The famous "duck-bill" utility tool that opens up close spaces for easy finishing. The jaws of finest forged steel slip readily into any difficult space and the serration on the jaws prevents slipping out of "V" spaces.

BU-186 6" CHAIN 1/4" WITH HOOK: Used for all pulling operations with V Notch Cap. Pull Chain Collar and Bite-Tite Clamps, in various combinations. See page 17.

BU-190 BITE-TITE CLAMP: Used with pull chain in stretching operations. Grips edge of demountable body sections firmly. Reversible jaws grip angled or bead edges.

BU-290 PULL CLAMP: All angle pull clamp, one of the most versatile tools in the shop. Clamps and pulls from 8 different angles. An exclusive P-F attachment. See Page 20.

See SM-98 Steel Carrying Case, Page 34.



SM-7



SM-39



SM-40



SM-41



SM-43



SM-42



SM-49



SM-44



SM-50 20"



SM-52 12"



SM-53 3"



SM-58 8"



SM-55 5"



SM-56



SM-100



SM-63



BU-190



BU-187



BU-186



SM-14



SM-24

HYDRO-MIDGET® ATTACHMENTS

*3/4" threads for use with
4 Ton Remote Control Jack*

These are attachments designed on-the-job, in body shops by bodymen. Each attachment reduces customer-to-customer time, helps solve body problems in the most efficient, most profitable way.

SM-1 ADAPTER: Inserts into SPEED-MIDGET® ram to adapt it to 3/4" threaded tubing and attachments.

SM-14 EXTRA SHORT RAM: For getting into real tight places fast. 2 3/8" high with one full inch of travel. Has 1/2" Quick Detach Coupler for fast hook up, take down. Built-in filter traps dirt, grit, chips for trouble-free long life. See Page 21, 24.

SM-21 ADAPTER: Screws into base of any 3/4" threaded jack, adapting it for use with EZ-E-ON tubing and attachments.

SM-24 SHORT RAM: Four ton capacity, 4 7/8" retracted with ram travel of 3 1/4" to 8 1/8" overall. SM-1 Adapter included for use with threaded tubing. See Page 21, 24.

SM-22 ADAPTER: Screws onto piston of any 3/4" threaded ram, thus adapting it to EZ-E-ON Tubing and Attachments. Fits any 3/4" threaded jack.

SM-39 JACK BODY TOE: Screws onto ram cylinder with toe plate in any direction. Use in combination with BU-40 Ram Toe for spreading operations.

BU-40 RAM EXTENSION TOE: Screws onto ram for all lifting or pulling operations. Fits any 3/4" threaded jack. See SM-39 above.

BU-41 JACK BASE: Screws with nipple onto ram base or onto extensions for holding, when pushing cross members into position. Fits any 3/4" threaded jack.

BU-42 V NOTCH CAP: Screws onto ram or extensions for holding, when pushing cross members into position. Fits any 3/4" threaded jack. Use with chain pull kits.

BU-43 RUBBER BASE: Used as a terminal for pushing against finished surfaces that should be protected. Exclusive P-F design of the flat and distributes the working pressure over a wide area. Fits any 3/4" threaded jack.

BU-44 OFFSET SPREADING TOE: For offset pushing in narrow openings. Notched edges can be used as an anchoring point against bolts and nuts. Offset angle permits positive alignment when pushing in a 90° arc. Fits any 3/4" threaded jack.

BU-45 RAM BASE PLUG: Screws into bottom of ram to protect threads. Fits any 3/4" threaded jack.

BU-46 SHORT NIPPLE: Used as a connector between two female pieces. Fits any 3/4" threaded jack.

BU-47 SHORT COUPLING: (1 5/8") For connecting any male 3/4" threaded parts and threaded jacks. **BU-48 LONG COUPLING:** (2 3/8")

SM-56 ADJUSTABLE TUBE EXTENSION: For hooking up long spans. Insert pieces of tubing in each end—pull out to lengthen—telescope to shorten. Insert pins for locking. See page 21.

THREADED TUBE EXTENSIONS: BU-50 20" • BU-52 12" • BU-53 3" • BU-55 5" • BU-58 8". This assortment of 3/4" threaded tubing assemblies to span space required for pushing, pulling, or other operations. Made of finest quality cold drawn seamless tubing. Fits any 3/4" threaded jack.

BU-59 EXTRA LONG COUPLING (4 3/4"): For connecting any male threaded parts and threaded jacks.

BU-63 PULL ADAPTER: Used in all pulling operations. Screws onto ram cylinder.

SM-100 HYDRAULIC SPREADER: For "close area" spreading. Jaws slip into 3/4" space—spread to 3 1/8". The famous "duck-bill" utility tool that opens up close spaces for easy finishing. The jaws of finest forged steel slip readily into any difficult space and the serration on the jaws prevents slipping out of a "V" space, as other thicknosed spreaders often do. See page 20.

BU-186 6'-1/4" CHAIN WITH HOOK: Used for pulling operations with V Notch Cap, Pull Chain Collar and Bite-Tite clamps. See Page 17.

BU-187 CHAIN PULL COLLAR: Screws onto ram cylinder for use with chain in pulling operations. See Page 17.

BU-190 BITE-TITE CLAMP: Used with pull chain in stretching operations. Grips edge of demountable body sections firmly. Reversible jaws grip angled or bead edges. See Page 17.

BU-290 PULL CLAMP: All angle pull clamp, one of the most versatile tools in the shop. Clamps and pulls from 8 different angles. An exclusive P-F attachment. See Page 20.

See SM-98 Steel Carrying Case, Page 34.



SM-1



BU-49



BU-40



SM-39



BU-42



BU-41



BU-45



BU-44



BU-43



BU-59



BU-48



BU-47



BU-46



BU-50 20"



BU-52 12"



BU-55 5"



BU-58 8"



BU-53 3"



SM-14



BU-187



BU-63



BU-190



BU-186



SM-100



SM-24



SM-22



SM-21



HYDRO-CHIEF® ATTACHMENTS

... for use with 5 and 10 Ton Jacks

Extra power... extra strength for rugged body and light truck frame jobs. Dependability plus is built into every one of these HYDRO-CHIEF® Attachments.

SPEEDLOK TUBE EXTENSIONS: SL-1 Male Threaded Adapter • SL-2 Female Threaded Adapter • SL-9 Connector • SL-7 Pins • SL-4 4" • SL-6 6" • SL-8 8" • SL-12 12" • SL-16 16" • SL-20 20" • SL-21 Adapter, 1 1/4" Female Speedlok to 1 1/4" Male Thread • SL-22 Adapter, 1 1/4" Female Thread to 1 1/4" Female Speedlok. Pieces snap together for pushing—pins snap in for pulling operations. Adapters connect tubing to ram or any threaded attachment. Precision machined from cold rolled high carbon steel. Faster and easier to use than threaded tubing.

BU-190 BITE-TITE CLAMP: For all pull operations using chain. Jaws are serrated for positive gripping and will hold thinnest metal without slipping. Easily attached at correct holding position by finger pressure on two bolts. Jaws may be reversed to permit clamping over flanges and similar raised edges without damage to metal.

BU-290 PULL CLAMP: All angle pull clamp, one of the most versatile tools in the shop. Clamps and pulls from 8 different angles. An exclusive P-F attachment. See Page 20.
See SM-98 Steel Carrying Case, Page 34.

BU-238 PULL ARM ASSEMBLY: Use with BU-775 Pull Arm Guide for all pulling operations.

BU-287 CHAIN PULL COLLAR: Screws onto ram cylinder for use with chain in pulling operations. See Page 17.

BU-288 CHAIN PULL HEAD: Attaches to ram for holding chain in pulling operations. See Page 17.

BU-580 JACK BASE: Screws, with nipple, into ram bottom or onto extensions, wherever a broad base is required.

BU-585 RAM BASE PLUG: Screws into bottom of ram to protect threads. May also be used as small jacking base.

BU-700 LARGE RUBBER BASE: { Flat top, resilient base for use as a terminal point against finished surfaces that should be protected.
BU-705 SMALL RUBBER BASE: {

BU-725 SHORT NIPPLE: Used as a connector.

THREADED TUBE EXTENSIONS: BU-726 5" • BU-727 6" • BU-728 8" • BU-729 12" • BU-730 20". Standard 1 1/4" strong steel tubing, with full machine threads chamfered for quick, easy assembly.

BU-731 COUPLING: For standard threaded tube extensions.

BU-750 SPREADER: For forcing out large concaved areas for easy finishing—small and compact enough for closest places (closes to 1 1/2") it nevertheless has powerful 16" spread.

BU-775 PULL ARM GUIDE: Use with BU-238 Pull Arm Assembly for all pulling operations.

BU-904 JACK BODY NESTING TOE: Screws onto ram cylinder with toe plate in any position. Combines with BU-905 Push-Pull Nesting Toe for spreading operations.

BU-905 PUSH-PULL NESTING TOE: Screws onto ram piston for lifting and combines with BU-904 Jack Body Nesting Toe for spreading operations.

BU-911 6'—3/8" PULL CHAIN: Used for all pulling operations with Chain Pull Head and Chain Pull Collar. Easier and more flexible to use than tubing set-ups. See Page 17.



BU-190



BU-238



BU-287



BU-580



BU-288



BU-585



BU-700



BU-705



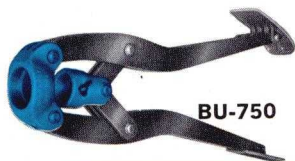
BU-904



BU-905



BU-775



BU-750



BU-730 20"



BU-729 12"



BU-726 5"



BU-728 8"



BU-726 6"



BU-731



BU-725



BU-911



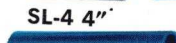
SL-4 4"



SL-20 20"



SL-16 16"



SL-8 8"



SL-6 6"

SL-12 12"



SL-9



SL-1

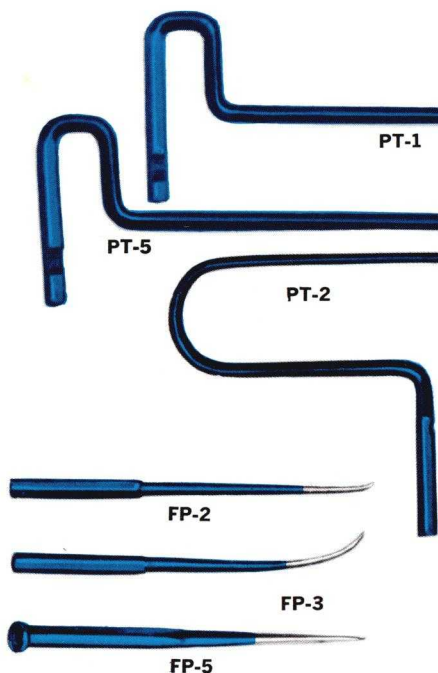


SL-2

THERE IS A **P-F** HAND TOOL OR SET TO DO EVERY BODY REPAIR JOB!

HT-3 PICK TOOL SET—6 PIECES

Like famous P-F Body Repair Equipment—P-F Hand Tools are designed with the cooperation of practical body repair men, to do more jobs better, to do a particular job or jobs faster and with less waste effort.



PT-1 CURVED PICK—SHORT: Medium length, pointed, for working thru inner construction or lower part of frame, turning handle to force out small damaged areas. Shank 22 $\frac{1}{8}$ ". Wt.: 1 lb., 14 oz.

PT-2 DEEP THROAT STRAIGHT PICK: For raising small low spots in trunk lid center section or door panels behind inner construction. Alloy steel. Wt.: 2 lbs., 14 oz.

PT-5 CURVED PICK—LONG: Use like PT-1. 28" shank gives greater reach. In some work, eliminates removal of trim and construction. Wt.: 2 lbs., 5 oz.

FP-2 CURVED FINISHING PUNCH: Use in difficult places where an offset blow is needed, as around pillars in upper reveal. Alloy steel. Wt.: 7 oz.

FP-3 HOOKED FINISHING PUNCH: For window reveal panels of door and body trunk lid work. Can be put thru door handle holes for metal finishing. Curved design for inner construction. Wt.: 7 oz.

FP-5 PIERCING PUNCH: Pierces deep into modern inner construction to pick up low spots. Alloy steel, polished. Wt.: 11 oz.

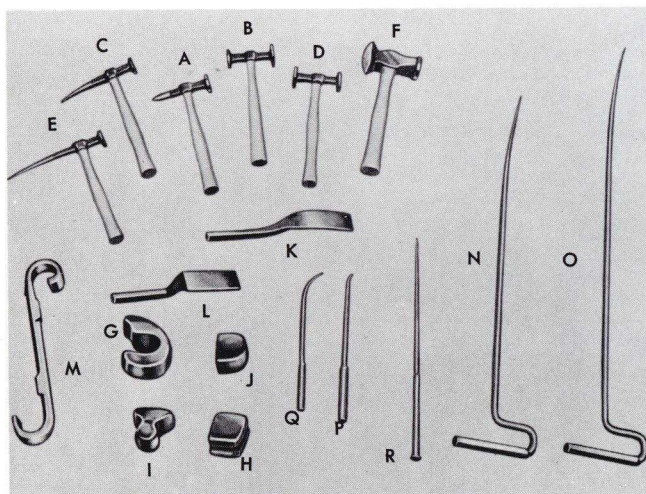
QUANTITY	TOOL NO.	DESCRIPTION
1	PT-1	Curved Pick—Short
1	PT-2	Deep Throat Straight Pick
1	PT-5	Curved Pick—Long
1	FP-2	Curved Finishing Punch
1	FP-3	Hooked Finishing Punch
1	FP-5	Piercing Punch

SHIPPING WEIGHT 12 POUNDS

P-F HT-7

HAND TOOL SET

P-F® THE BEST IN BODY REPAIR HAND TOOLS



A selection of 19 efficient hand tools which will meet the requirements of most any job. You will never be at a loss for the right tool to use on any job—no matter how difficult, when you can choose from this comprehensive selection. Available on Peg Board Panel at small additional cost.

HT-7 HAND TOOL SET—18 PIECES			
KEY	QUANTITY	TOOL NO.	DESCRIPTION
HAMMERS			
A	1	BHR-2	Fender Hammer, Bullet Type
B	1	BHR-4	Bumping Hammer
C	1	BHR-7	Pick & Surfacing Hammer, Round face
D	1	BHR-12	Serrated Face Hammer
E	1	BHR-14	Extra Long Pick Hammer, Round face
F	1	RH-15	Heavy Duty Roughing Hammer
DOLLY BLOCKS			
G	1	GD-4	Heavy Duty Roughing Dolly
H	1	GD-5	Shrinking Dolly Block
I	1	GD-7	General Purpose Rail Type Dolly
J	1	GD-8	Heel Dolly
SPOONS			
K	1	E-6	Surfacing Spoon
L	1	E-8	Low Crown Radius Surfacing Spoon
M	1	F-3	Driving & Fender Beading Spoon, Double End
PICKS AND PUNCHES			
N	1	PT-1	Curved Pick, Short
O	1	PT-5	Curved Pick, Long
P	1	FP-2	Curved Finishing Pick
Q	1	FP-3	Hooked Finishing Pick
R	1	FP-5	Piercing Punch

SHIPPING WEIGHT: 38 POUNDS

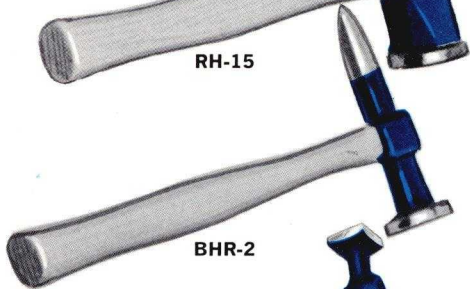


HAND TOOLS HAMMERS



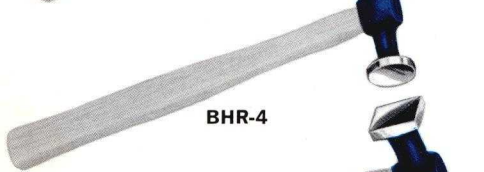
RH-15

RH-15 ROUGHING HAMMER. HEAVY DUTY WITH ALL-PURPOSE DOLLY. Well-balanced, concentrated weight for use in tight places. Drop-forged—nickel-chrome alloy steel—carefully heat-treated—Round head. $1\frac{15}{16}$ " diameter. $5\frac{1}{8}$ " overall. Wt.: $3\frac{1}{4}$ lbs.



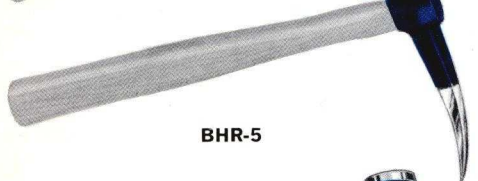
BHR-2

BHR-2 BULLET-TYPE FENDER HAMMER. SHORT PICK for use on high-crown fenders—and industrial metal finishing and general ding work. Triple-ground $1\frac{1}{2}$ " diameter round head—pick $3\frac{13}{32}$ " long—drop-forged—alloy steel—heat-treated. Head length $5\frac{3}{8}$ ". Wt.: 13 oz.



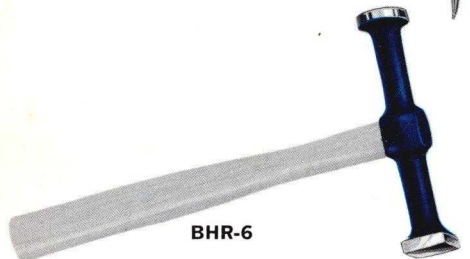
BHR-4

BHR-4 BUMPING HAMMER. Has $1\frac{3}{8}$ " square face and $1\frac{5}{8}$ " diameter round face. Head. Drop-forged; alloy steel; heat-treated. Wt.: 15 oz.



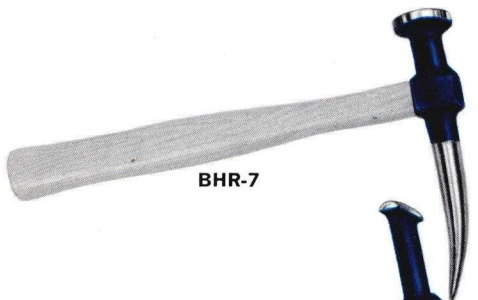
BHR-5

BHR-5 SQUARE-FACE TAPER-SHANK BEAD AND MOLDING HAMMER. Use for modern bodies, fenders, reshaping beads, moldings, head-lamp inset reveals, louver work. Wide chisel pick surfaces big areas. Square head $1\frac{1}{4}$ ". Head 7" overall. 5" pick— $\frac{7}{16}$ " chisel point. Wt.: 14 oz.



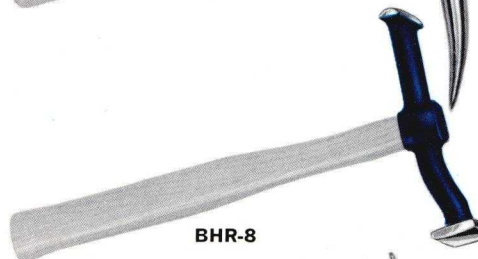
BHR-6

BHR-6 BUMPING HAMMER. Heavy duty; perfect balance, larger faces; accurately ground; drop-forged; alloy steel; heat-treated. Square head $1\frac{1}{4}$ ". Round head $1\frac{15}{16}$ " diameter. 6" overall. Wt.: 1 lb., 1 oz.



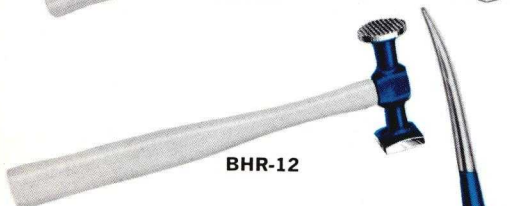
BHR-7

BHR-7 ROUND FACE AND POINTED SHANK PICK AND SURFACING HAMMER. Pointed curved shank gets behind inner construction, where straight picks cannot reach. Strikes through sound insulation in body panels. Round head $1\frac{1}{2}$ " diameter. Head 7" overall. Pick 5" long. Wt.: 14 oz.



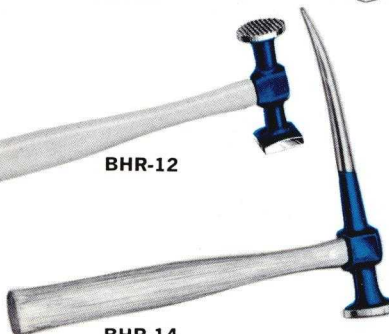
BHR-8

BHR-8 COMBINATION OFFSET SQUARE FACE AND CROSS PEEN BUMPING HAMMER. Offset square face gives clearance without striking adjoining panels. High crown cross peen for deep, narrow panels. Square head $1\frac{1}{4}$ ". Peen end $1\frac{1}{2}$ " x $1\frac{3}{16}$ ". Head $5\frac{7}{8}$ " overall. Wt.: 16 oz.



BHR-12

BHR-12 SERRATED FACE HAMMER. Developed to meet demand for hammer with serrated or criss-cross face and hot shrinking. Use for rough bumping high and low crown surfaces. Square face $1\frac{1}{4}$ ". Round face $1\frac{1}{2}$ " diameter. Head 4" overall. Wt.: 14 oz.



BHR-14

BHR-14 ROUND HEAD AND EXTRA LONG PICK HAMMER. Reaches through deep inner construction of modern doors and quarter panels—perfect balance; drop-forged; alloy steel; machined round head, $1\frac{1}{2}$ " diameter. Head 9" overall. 7" pick. Wt.: 14 oz.

Weights and Dimensions are approximate.

HAND TOOLS

DOLLY BLOCKS • SPOONS

GD-1 LOW CROWN, GENERAL PURPOSE BUMPING DOLLY BLOCK. Precision ground to meet contour needs of all low crown panels. Drop-forged; alloy steel; heat-treated. Wt.: 2¾ lbs.

GD-3 HIGH CROWN DOLLY BLOCK. Designed for limited space in rear and front fenders; repair of high crown radiator shell parts and recessed fender moldings. Wt.: 2¼ lbs.

GD-4 HEAVY DUTY ROUGHING DOLLY BLOCK. Use as a hammer to rough out shallow dents. Easy grip, more weight gives extra backing for rough work. End lip reshapes turned-under flanges. Drop-forged; heat-treated; precision polished. Wt.: 5¼ lbs.

GD-5 SHRINKING DOLLY BLOCK. High and low crown. Gives nine distinct contours for hot shrinkage. Wide and narrow trenching grooves for setting-in welded seams or paddle soldering. Wt.: 2¾ lbs.

GD-7 GENERAL PURPOSE RAIL TYPE DOLLY. Many time-saving contours. Rated the most useful dolly ever produced. Shape provides perfect hand grip. Wt.: 3 lbs.

GD-8 ALL-PURPOSE HEEL DOLLY. Use in modern fender fins; around headlight insets; right-angle section corners. Adaptable for shrinking. Polished to fine anvil contours, to avoid stretching metal. Wt.: 2½ lbs.

A-6 DOUBLE END LOWER BACK PANEL AND QUARTER PANEL SPOON. Made for removing dents on quarter panels around rear pillars; behind inner construction; and behind back panel strainers, center and lower sills. Wt.: 4¼ lbs.

B-3 DOUBLE END DOOR AND SIDE APRON SPOON. Made with wider, longer faces, to reach inner construction on doors, quarter or cowl panels. Use as a dolly in direct hammering. Wt.: 4¼ lbs.

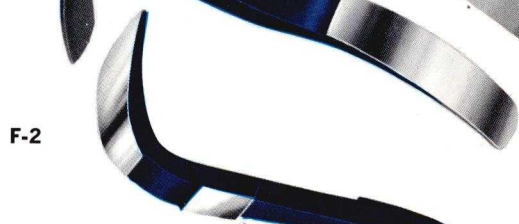
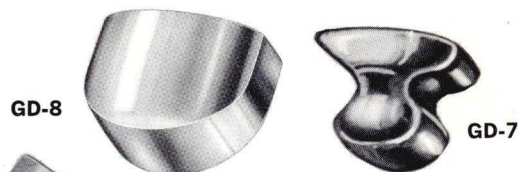
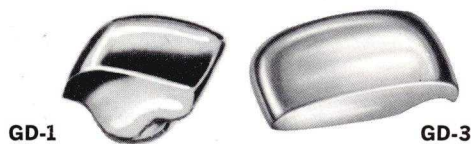
F-2 DOUBLE END HEAVY DUTY DRIVING SPOON. Some of its many uses include: setting inside seams of front fender; bumping top rail panels, head lamps, hood louvers; straightening and finishing drip moldings; caulking quarter panel molding and deck panels; and general beading work, to name but a few. Wt.: 3½ lbs.

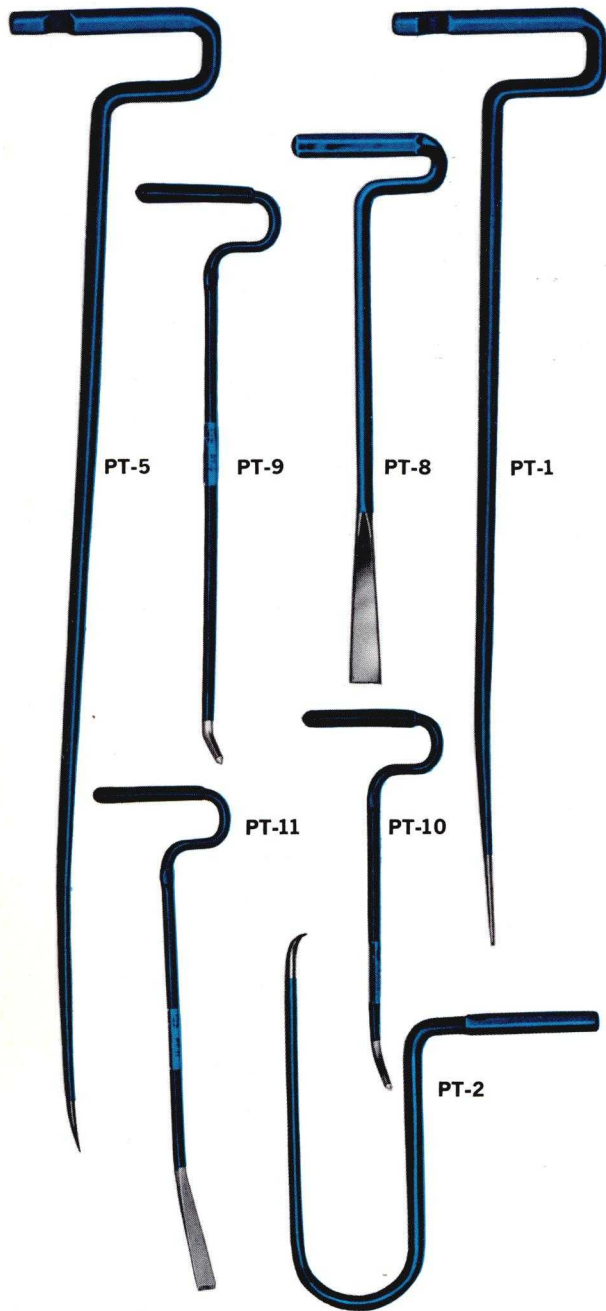
F-3 DOUBLE END HEAVY DUTY DRIVING AND FENDER BEADING TOOL. The tool for straightening all reverse beads on fenders with non-wire flanged edges; for alligator hood reversed flanges and aligning inner construction on body panels. Extra heavy formed hammer pads. Wt.: 3½ lbs.

E-6 SURFACING SPOON. The best tool for spring hammering operations with mallet or bumping hammer; for surface metal finishing; and for fender repairs or on high crown areas. Wt.: 1½ lbs.

E-8 LOW CROWN RADIUS SURFACING SPOON. Lightweight efficiency, for use in spring hammering low crown surfaces. Face has required low crown radius. Cold rolled steel, spring tempered. Plastic coated cushion handle to absorb shock, ease fatigue. Wt.: ½ lb.

Weights and Dimensions are approximate.





HAND TOOLS

- PICKS and PUNCHES
- SPECIAL TOOLS

PT-1 CURVED PICK—SHORT: Medium length, pointed, for working through inner construction or lower part of frame, turning handle to force out small damaged areas. Shank 23"—Wt.: 1½ lbs.

PT-2 DEEP THROAT STRAIGHT PICK: For raising small low spots in trunk lid center section or door panels behind inner construction. Alloy steel. Wt.: 1¾ lbs.

PT-5 CURVED PICK—LONG: Use like .PT-1. 28" shank gives greater reach. In some work, eliminates removal of trim and construction. Wt.: 2 lbs.

PT-8 LONG TEE HANDLE CHISEL BIT PICK: Heavy duty, for long-reaching picking, as in modern quarter panels. Wt.: 1¾ lbs. Length 20¾".

PT-9 18" ROUND POINT PICK: For use on fenders, roofs, doors, etc. Wt.: ¾ lb.

PT-10 12" ROUND POINT PICK: For use on compact and foreign cars and hard-to-reach areas. Wt.: ½ lb.

PT-11 16½" CHISEL POINT PICK: For removing creases and low spots on all cars. Wt.: ¾ lb.

FP-2 CURVED FINISHING PUNCH: Use in difficult places where an offset blow is needed, as around pillars in upper reveal. Alloy steel. Wt.: ½ lb.

FP-3 HOOKED FINISHING PUNCH: For window reveal panels of door and body trunk lid work. Can be put through door handle holes for metal finishing. Curved design for inner construction. Wt.: ¾ lb.

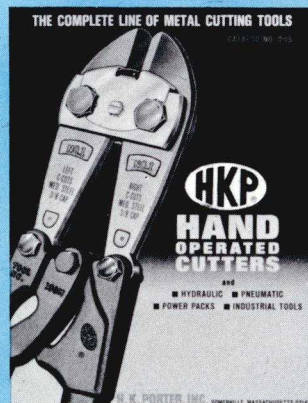
FP-5 PIERCING PUNCH: Pierces deep into modern inner construction to pick up low spots. Alloy steel, polished. Wt.: ¾ lb.

SP-2 CURVED FACE SOLDER PADDLE: For soldering operations on reverse curves of doors, hoods, trunk lids—best quality hard maple, tallow impregnated. Wt.: 3 oz.

SP-3 FLAT FACE SOLDER PADDLE: For all surfaces except concave—handle designed for easy control—tallow impregnated hard maple. Wt.: 3 oz.

DMP-12 DRIP MOLDING PLIERS: The tool you need for pulling out crushed drip molding quickly—and accurately forming working faces for rapid finishing with spoon. Ground working faces. Wt.: 1½ lbs.

Weights and Dimensions are approximate.



SEND FOR THIS
NEW 40 PAGE
CATALOG No. 205A
showing over
100 different



hand and power
cutting tools
for industry.

H. K. PORTER, INC.
SOMERVILLE, MASSACHUSETTS 02143

HAND TOOLS SPECIAL TOOLS

FH-14 FLEXIBLE, ADJUSTABLE FILE HOLDER: It's light! Holder and handles made of aluminum! Quickly adjusts from extreme concave to convex profile for contours; round or oval corners, bracket panels, cowls, hoods, top rail panels, high or low crowns, sweep surfaces right up to corners. No chatter. Wt.: (with file) 1 lb., 7 oz.

F14-8 FLAT FILE BLADE: Way ahead of regular files. A top-quality, flexible, milled, curved tooth tool that gives planning action and moves chips away. Fits FH-14 holder. 8 teeth to the inch. Wt.: 11 oz.

F14-7 Same as above but with 7 teeth per inch.

F14-S HALF ROUND FILE: As above, but with half-round surface; for such concave surfaces as rear fender, quarter panels, hoods and around head-lamps. Fits FH-14 holder. Wt.: 11 oz.

BOLT CUTTERS: Indispensable in the body shop for cutting bolts, rods, wire. Clipper cut jaws beveled from one side for close flush cuts.

TOOL NO.	APPROX. LENGTH	CAPACITY SOFT BOLTS IN THREAD	SOFT RODS	APPROX. WT. IN LBS.
190MNE	24"	3/8"	5/16"	5 1/4
290MNE	30"	1/2"	3/8"	8 1/2
390MNE	36"	5/8"	1/2"	12 1/2

HARD CHAIN CUTTERS: The only type of cutter that will cut case-hardened cross links of tire chain. Useful for cutting surplus side chain links.

TOOL NO.	APPROX. LENGTH	CAPACITY HARD CHAIN	APPROX. WT. IN LBS.
190MHC	24"	5/16"	5 1/4
390MHC	36"	7/16"	12 1/2

HANDKLIP® 690AG ANGULAR CUTTER: The mechanics' favorite tool for CLOSE cutting of soft wires, rods, bolts, hog rings, cotter pins, etc. Length 9". Capacity: 1/4" Soft Bolts in Thread,—3/16" Soft Rods. Wt. 13 oz.

390MLK LINKMASTER®: For garages, tire shops, etc. Fixes big and small chains. Spread chain on floor—use LINKMASTER standing up! APPROX. LENGTH: 30". CAPACITY: Up to 1 3/32 diam. Wt.: 7 lbs.

1390L LINKSEM®: Repairs light truck or passenger car chains. Speedy, powerful, rugged, yet light! LENGTH: 13". CAPACITY: 5/16" links. Wt.: 1 1/2 lbs.

690L LINKFIX®: Powerful—fixes any car chains in a hurry. Every car should have one. LENGTH: 6 3/8". Wt.: 4 oz.

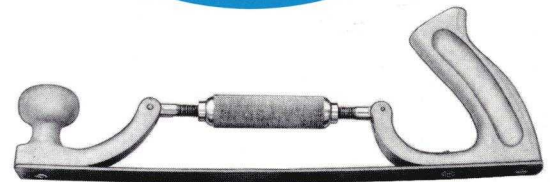
690M IMPAKDRIVER®: For loosening or tightening nuts, bolts or screws. Converts a hammer blow into powerful torque that loosens frozen or rusty fasteners with ease. 3/8" drive.

67M IMPAKDRIVER® SET: 690M with 3/8" drive and complete with 3/8" adapter for two screwdriver bits, two Phillips bits and three hex sockets—7/16", 1/2", 9/16".

64M IMPAKDRIVER® SET: 690M with 3/8" drive and 3/8" adapter for two screwdriver bits and two Phillips bits. (Hex sockets not included with 64M set.)

1390PQ NUT SPLITTER: Splits frozen, rusted nuts up to 3/4" across flats. Two swivel blades finger turn to any angle. Use with power or hand wrench. Wt.: 3 1/8 lbs.

Weights and Dimensions are approximate.



FH-14



F14-8



F14-S



190MNE



190MHC



690AG



390MLK



690L



1390L



1390PQ

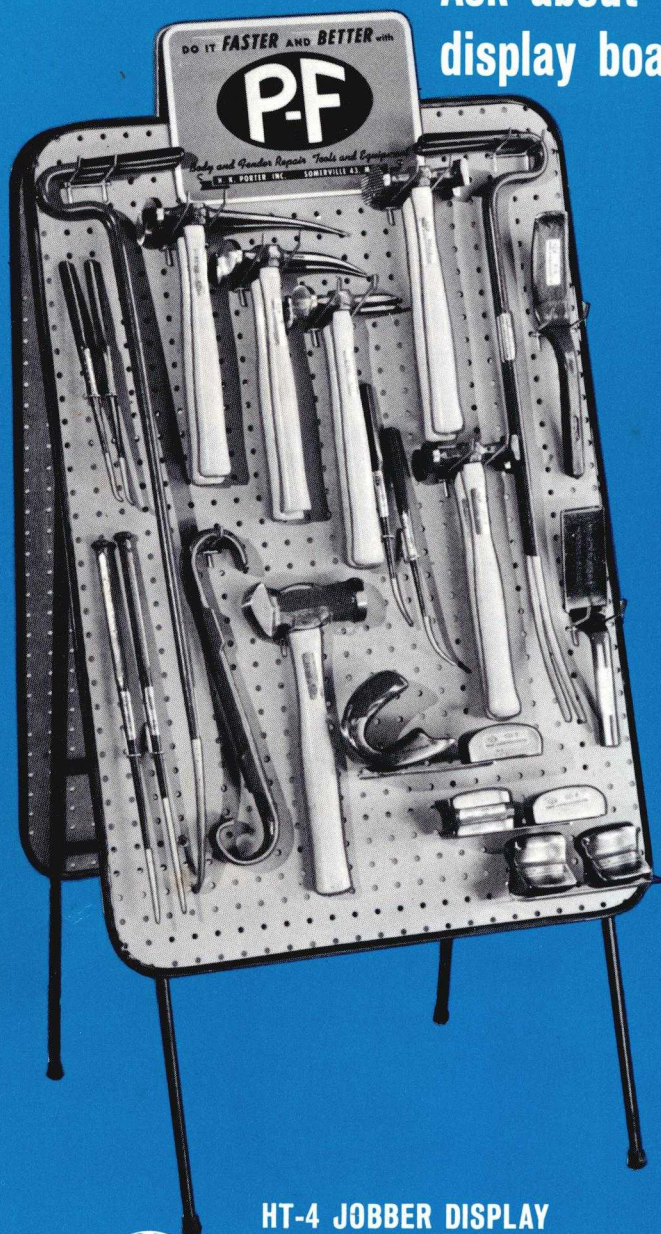


690M
AND
685BH
ADAPTER
SET

67M
SET

JOBBER DISPLAYS ONLY . . .

**Ask about
display boards . . .**



HT-4 JOBBER DISPLAY

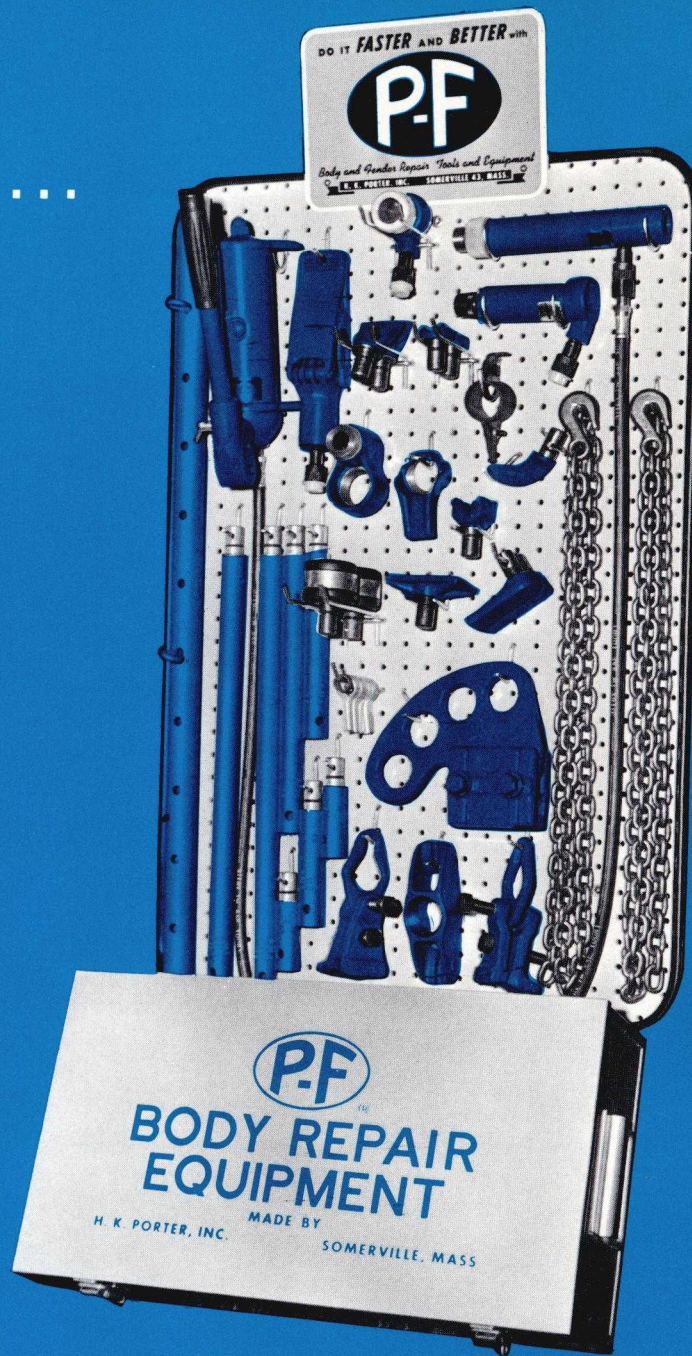
P-F HAND TOOLS, HAMMERS and PICKS . . .

A Selling Display of our most popular, fast moving hand tools. Displayed for SEE, TRY and BUY!



SM-98 CARRYING CASE

Steel carrying case designed to hold the PF-1, PF-4, PF-7 and PF-11 Kits. Grey Enamel finish. Size: 21" x 12" x 6 1/4" deep.

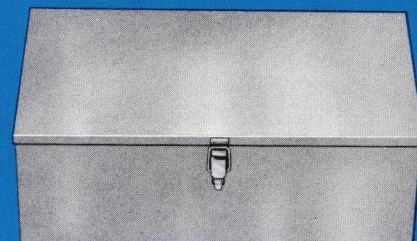


PF-16 JOBBER 4 TON EQUIPMENT DISPLAY

A complete display of all P-F 4 ton items for easy inspection . . . easy demonstration . . . easy sales. Contains complete PF-15 set—see page 4. Complete with easel, panel and hooks free . . . with purchase of the PF-16 display. For store use only. Not to be sold as a unit to users.

BU-97 TOOL BOX

Heavy steel tool box shown above . . . two handles . . . designed to hold entire PF-15 or PF-16 sets. See page 4.



BU-90 TOOL BOX

Steel tool box designed to hold the PF-43 and PF-41 HYDROCHIEF® Kits. Grey Enamel finish. Size: 24" x 13 1/4" x 8" deep.



BODY REPAIR TOOLS & EQUIPMENT GUARANTEED

THERE'S A **P-F** SERVICE STATION NEAR YOU FOR YOUR CONVENIENCE

All P-F Body Repair Tools and Equipment except Hose and Chain are guaranteed against defects in materials and workmanship. Hydraulic Jacks have a warranty period of ninety days. (See Warranty Card Enclosed

with each Jack). Tools and Equipment that have been used beyond capacity, abused, or used for other than their intended purpose are not covered by this Guarantee.

Alabama

Hydraulic Service Company
3000 4th Avenue S, Birmingham
Southern Jack Company
615 North 9th Avenue, Birmingham

Alaska

Alaska Hydraulics Inc.
3508 Minnesota Drive, Anchorage

Arizona

Hydraulic Sales & Service Co.
3837 E. 40th St., Tucson
Jacks Inc.

2245 E. Washington St., Phoenix

California

Hydraulic Jack Maintenance Co.
725 Mitchell Place, Los Angeles
San Joaquin Hydraulic Service
546 M. Street, Fresno
L & G Specialities
207 "O" St., Sacramento
Walker Hydraulic Jack Service
3526 Fairmont Ave., San Diego
A-1 Hydraulic Co.
655A Peralta Avenue, San Leandro

Colorado

Merrill Hydraulic Specialists
12th and Acoma, Denver

Connecticut

J & S Hydraulic Jack Repairing
100 Woodmont Road, Milford
A & L Eastern Hydraulic, Inc.
51 Farren Avenue, New Haven

District of Columbia

Matto's

1824 L Street N.W., Washington

Florida

Broward Hydraulic Jack Service Co.
3811 Davie Blvd., Fort Lauderdale
Hydraulic Services
200 East Main Street, Pensacola
Auto Body Supply, Inc.
616 N. 13th Street, Tampa
Southern Hydraulic Service Co., Inc.
1502 E. Columbus Drive, Tampa

Georgia

Turner & Cole
353 W. Peachtree Street N. E., Atlanta
R & R Jack Repair

1548 Tenth Avenue, Columbus

Hawaii

Industrial Hydraulic Service
508 Cummins, Honolulu

Illinois

Servall Engineering Co.
3937 N. Kedzie Avenue, Chicago

Indiana

A B C Specialty Co.
1075 Kenwood Avenue, Ft. Wayne
Arrow Supply Company, Inc.
924 N. Illinois Street, Indianapolis

Scotty's Hydraulic Jack Service
1204 N. Center, Plymouth

Iowa

Turner's Hydraulic Service
1617 6th Avenue, Des Moines

Kansas

Wichita Hydraulic Service Co.
314 N. Water, Wichita

Kentucky

Queen Hydraulic
1226 Rowan Street, Louisville

Louisiana

Beerman Precision Machine Works
2021 Thalia Street, New Orleans

Maine

Winne's Jack Service
Lubec

Maryland

Holdridge Engineering Company
1728-30 Lamont Avenue, Baltimore

Massachusetts

Alted Hydraulic Service
96 Hampshire Street, Cambridge
Block Hydraulic
Rear 605 Page Blvd., Springfield
New England Hydraulic Service Co.
12 Hurley Street, Cambridge

Michigan

Hydraulic Service
2715 Fifth Street at Grand River Ave.
Detroit

Minnesota

Hydraulic Service
449 Market Street S.W., Grand Rapids

Mississippi

Hydraulic Jack & Equipment Service
2601 Aldrich Avenue So., Minneapolis

Missouri

Dixie Hydraulic Service
1640 So. Gallatin Street, Jackson
Central Hydraulic Service Co.
3101 Washington Street, St. Louis
Hydraulic Service Company
3739 Woodland Avenue, Kansas City
Harry L. Nolte Co.

Montana

1221 Clay Avenue, North Kansas City

Nebraska

Falls Hydraulic Jack Service
307 3rd Avenue South, Great Falls

New Hampshire

G & W Engine & Hydraulic, Inc.
1118 Jackson Street, Omaha

New Jersey

J & S Hydraulics
Route 3, Merrimac

New York

Metro Hydraulic Jack Company
52 Elm Street, Newark
Ace Hydraulic Service Inc.

1201 Burnet Avenue, Syracuse
Albany Hydraulic and Lube Service
Columbia Turnpike, Rensselaer
Atlas Hydraulic Co., Inc.

41 Hicks Street
North Lindenhurst, N.Y. 11757

Buffalo Hydraulic Jack Service
488 Walden Avenue, Buffalo

Buffalo Hydraulic Jack Service
550 Avis Street, Rochester

Gemco Garage Equipment Co.
153-75 Rockaway Blvd., Jamaica

J & S Hydraulics
34-01 30th Street, Long Island City

Metro Hydraulic Jack Co.
5200 Foster Ave., Brooklyn

North Carolina

Sanders Hydraulic & Diesel Co., Inc.
425 Atando Avenue, Charlotte

Ohio

Hydraulic-Pneumatic Service Co.
14 N. Huron Street, Toledo
Eureka Tool & Hydraulic Service, Inc.
3818 North Bend Road, Cincinnati
Knox Equipment Service Co.
Rear 16 North Broadway, Dayton
Ohio Hydraulic Jack Service Co.
3826 Payne Avenue, Cleveland
Ohio Hydraulic Service Co.
24 North Grubb Street, Columbus

Oklahoma

Hydraulic Equipment Company
417 West California, Oklahoma City
Mac's Hydraulic Jack Service
2108 E. 11th Street, Tulsa

Oregon

W. R. Karn Repair Service
1215 S. W. 16th Avenue, Portland

Pennsylvania

Equipment Service Company
1921 Callowhill Street, Philadelphia
Mac's Hydraulic Jack & Equip. Ser.
121 Putnam Street, Pittsburgh

South Carolina

General Jack & Grease Gun
Service, Inc.
1013 Waley Street, Columbia

Tennessee

Alcott Lubrication Sales & Service
682-684 Walnut at Crump St., Memphis
Hydraulic Jack Service
1710 Market Street, Chattanooga
Jack Flint & Sons
244 Jefferson Avenue, Memphis

Texas

Bond Tool Repair Company
414 Ohio Avenue, Wichita Falls
Hydraulic Equipment Service Co.
1021 N. San Jacinto, Houston

Hydraulic Equipment Service Co.
408 Avenue H, Lubbock

Hydraulic Systems Inc.
1825 Levee Street, Dallas

Schell Equipment Service Company
509 13th Street, San Antonio

Stephenson Hydraulic Jack Company
2421 Texas Avenue, Lubbock

Wesbrooks Hydraulic Equip. Service
2012 Sheppard Access Road
Wichita Falls

Young's Equipment Service Co.
515 N. Hackberry at E. Houston St.

San Antonio

Utah

Gustin Hydraulics
1180 So. State, Salt Lake City

Virginia

Petroleum Engineering Company
5520 Virginia Beach Boulevard
Norfolk

Hydraulic Service Co.
3104 Victory Boulevard, Portsmouth

Wolff Brothers
5512 W. Broad Street, Richmond

D & S Repair Service, Inc.
1615 Dechantel Street, Alexandria

West Virginia

CCC Hydraulic Service
1009 Central Avenue, Charleston

Washington

The Jack Shop
409 Cedar Street, Seattle
Carburetor & Electric Co.
S 221 Monroe Street, Spokane

Wisconsin

Hader Industries
21 S. Calhoun Street, New Berlin

Canada

Alberta

Paramount Industries, Ltd.
433 58th Ave., S.E., Calgary
Paramount Industries, Ltd.
9319 63rd Avenue S.E., Edmonton

British Columbia

Hydraulic Repair Service Ltd.
102 E. 2nd Avenue, Vancouver

Manitoba

Pritchard Engineering Company, Ltd.
70 Garry Street, Winnipeg

Ontario

Equipment Rebuilders, Ltd.
64 Colville Road, Toronto
Hydraulic Service Centre
64 Hess St. North, Hamilton

Quebec

Equipment Rebuilders, Ltd.
8330 Esplanade Street, Montreal

BODY REPAIR TOOLS and EQUIPMENT

Automotive Division of

H. K. PORTER, INC.

SOMERVILLE, MASSACHUSETTS, 02143



Also makers of
Metal Cutters & Pruning Tools

CATALOG NO. 112A



THE WORLD'S FASTEST AUTO BODY REPAIR TOOLS AND EQUIPMENT

PRODUCTS OF PF AUTOMOTIVE DIVISION, H. K. PORTER, INC., SOMERVILLE, MASS. 02143



SUGGESTED USER HAND TOOL PRICE LIST

EFFECTIVE JULY 1, 1969

Unit No.	List Price	Mech. Net	Description	Unit No.	List Price	Mech. Net	Description
HAND TOOL SETS				MISC. BODY TOOLS			
HT-3	40.00	30.00	Pick Tool Set (6 Items)	SP-2	1.60	1.20	Curved Face Solder Paddle
HT-7	142.00	106.50	Hand Tool Set (18 Items)	SP-3	1.95	1.46	Flat Face Solder Paddle
HAMMERS				DMP-12	12.70	9.52	Drip Molding Pliers
BHS-2	5.95	4.46	Bullet Type Fender Hammer	FH-14	11.45	8.59	Flexible Adjustable File Holder
BHS-4	6.25	4.69	Bumping Hammer	1390PQ	18.80	14.10	Nut Splitter
BHS-5	7.50	5.63	Square face, Taper-Shank Bead and Molding Hammer	Unit No.	User Net	1-5	6 or More
BHS-6	7.35	5.51	Bumping Hammer	F-14-7	—	4.96	4.46
BHS-7	6.55	4.91	Round Face & Pointed Shank Pick & Surfacing Hammer	F-14-8	—	4.96	4.46
BHS-8	8.30	6.23	Combination Offset Square Face & Cross Peen Bumping Hammer	F-14-S	—	5.34	4.81
BHS-12	7.40	5.55	Serrated Face Hammer	BOLT CUTTERS			
BHS-14	8.10	6.08	Round Head & Extra Long Pick Hammer	Unit No.	Less Than 10	10 or More	
RH-15	13.20	9.90	Roughing Hammer, Heavy Duty	090MC	15.80	11.85	18" Long — 5/16" Capacity
DOLLIES				190MC	18.90	14.18	24" Long — 3/8" Capacity
GD-1	10.80	8.10	Low Crown, General Purpose Bumping Dolly	290MC	24.40	18.30	30" Long — 1/2" Capacity
GD-3	9.55	7.16	High Crown Dolly Block	390MC	31.70	23.78	36" Long — 5/8" Capacity
GD-4	12.45	9.34	Heavy Duty Roughing Dolly Block	CUTTERHEADS ONLY			
GD-5	9.50	7.12	Shrinking Dolly Block	013C	8.90	6.68	Cutterhead
GD-7	10.90	8.18	General Purpose Rail Type Dolly	113C	10.90	8.18	Cutterhead
GD-8	9.40	7.05	All-Purpose Heel Dolly	213C	13.60	10.20	Cutterhead
SPOONS				313C	17.20	12.90	Cutterhead
A-6	16.75	12.56	Double End Lower Back Panel and Quarter Panel Spoon	PAIRS OF JAWS ONLY			
B-3	19.05	14.29	Double End Door and Side Apron Spoon	012C	7.70	5.78	Jaws, pair
E-6	5.45	4.09	Surfacing Spoon	112C	9.30	6.98	Jaws, pair
E-8	3.70	2.78	Low Crown Radius Surfacing Spoon	212C	12.10	9.08	Jaws, pair
F-2	12.00	9.00	Double End Heavy Duty Driving Spoon	312C	15.10	11.33	Jaws, pair
F-3	13.25	9.94	Double End Heavy Duty Driving and Fender Spoon	CUTTERS			
PICK AND PUNCH TOOLS				690AG	10.20	7.65	Angular Cutter — 9" Long — 1/4" Capacity
PT-1	10.25	7.69	Curved Pick — Short	HARD CHAIN CUTTERS			
PT-2	10.05	7.54	Deep Throat Straight Pick	190MHC	22.40	16.80	24" Long — 5/16" Capacity
PT-5	11.75	8.81	Curved Pick — Long	390MHC	34.90	26.18	36" Long — 7/16" Capacity
PT-8	9.75	7.31	Long Tee Handle Chisel Bit Pick	CUTTERHEADS ONLY			
PT-9	5.95	4.46	18" Round Point Pick	113HC	14.90	11.18	Cutterhead
PT-10	5.00	3.75	12" Round Point Pick	313HC	20.00	15.00	Cutterhead
PT-11	5.25	3.94	16 1/2" Chisel Point Pick	PAIRS OF JAWS ONLY			
FP-2	3.05	2.29	Curved Finishing Punch	112HC	11.80	8.85	Jaws, Pair
FP-3	3.05	2.29	Hooked Finishing Punch	312HC	17.70	13.28	Jaws, Pair
FP-5	3.05	2.29	Piercing Punch				

PACKED 2
PER BOX



SUGGESTED USER HAND TOOL PRICE LIST

EFFECTIVE JULY 1, 1969

Unit No.	List Price	Mech. Net	Description	Unit No.	List Price	Mech. Net	Description
HAMMER HANDLES				CHAIN REPAIR TOOLS			
H-1	1.20	.90	For BH Hammers	390MLK	29.70	22.28	Linkmaster — Heavy Truck Chains up to 13/32" Diam.
HR-1	1.20	.90	For BHR Hammers	1390L	4.90	3.67	Linksem — Light Truck Chains up to 5/16" Diam.
HS-1	1.40	1.05	For BHS Hammers			Less Than 1 Doz.	
RH1	1.20	.90	For RH10 Hammers			1 Doz. or More	
RH2	1.20	.90	For RH15 Hammers	690L	1.90	1.43	1.27
Wedge Supplied With All Handles							Linkfix — All Passenger Car Chains
IMPAKDRIVER				WEDGES			
			Available in special quantities with 1/4" or 1/2" drive				
690M	7.60	5.70	Impakdriver — 3/8" drive	W-5	.08	.08	For BH and BHR Hammers
64M	14.50	10.88	Set w/bits	W-6	.08	.08	For BHS Hammers
67M	18.60	13.95	Set w/bits & sockets	RW-4	.13	.13	For RH Hammers — Steel
685BH	3.00	2.25	Adapter	RW-5	.06	.06	For RH15 Hammers — Wood
637BS	.90	.68	3/8" Strt. Bit				
650BS	1.80	1.35	1/2" Strt. Bit				
620BP	.70	.53	#2 Phillips Bit				
640BP	.70	.53	#4 Phillips Bit				
643S	1.45	1.09	3/16" Hex. Socket				
650S	1.45	1.09	1/2" Hex. Socket				
656S	1.45	1.09	5/16" Hex. Socket				

DISCONTINUED ITEMS • DO NOT REORDER

Unit No.	List Price	Mech. Net	Description	Unit No.	List Price	Mech. Net	Description
BH-11	7.80	5.85	High and Low Crown Finishing Hammer	JTR-7	8.95	6.71	Top Rail Spoon
BH-16S	18.80	14.10	Hammer Complete w/Straight Pick Set	JWC-3	4.30	3.22	Caulking Iron
BH-16C	18.80	14.10	Hammer Complete w/Curved Pick Set	JWC-4	4.30	3.22	High Crown Caulking Iron
GD-6	10.55	7.91	Finger Dolly Block	6HCT	1.85	1.39	
D-1	18.80	14.10	Special Door and Side Panel Spoon	1390P	18.80	14.10	
PT-4	7.65	5.74	Top Rail Pick Tool	BH-2L	7.10	5.32	Fender Hammer 5" Bullet Type with 20" Handle
JBP-11	7.00	5.25	Quarter Panel Moulding Spoon	BH-7L	7.70	5.78	Round Face & Pointed Shank Pick & Surfacing Hammer with 20" Handle
JCW-9	7.65	5.74	Cowl and Lower Quarter Panel Spoon	BT-37	21.70	16.28	Body Train Checking Gauge and Scribe
JHD-6	4.45	3.34	Hex Adapter	WC-2	4.00	3.00	Wide Caulking Iron
JMR-3	5.90	4.42	Upper Rear Quarter Panel Spoon	OVHC	17.85	13.39	18" Hard Chain Cutter
				F4	—	—	Ezy-Edger



AUTOMOTIVE DIVISION

H. K. PORTER, INC.

SOMERVILLE, MASS., 02143